

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023369.D
 Acq On : 11 Dec 2024 07:25
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020742

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024

12/12/2024

Supervised By :mohammad
ahmed

12/13/2024

Quant Time: Dec 12 00:22:49 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Dec 11 00:30:30 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	88417	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	345186	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.145	164	272122	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	663968	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	754329	20.000	ng/u1	0.00
88) Perylene-d12	24.568	264	840052	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	21145	8.805	ng/uL	0.00
4) Pyridine-d5	3.516	84	129444	20.961	ng/u1	0.00
7) Phenol-d5	6.746	99	138471	19.960	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.893	67	98327	22.465	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	106395	20.779	ng/u1	0.00
15) 4-Methylphenol-d8	8.252	113	113696	20.306	ng/u1	0.00
21) Nitrobenzene-d5	8.681	128	53507	20.758	ng/u1	0.00
24) 2-Nitrophenol-d4	9.393	143	61430	20.678	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	126547	20.183	ng/u1	0.00
31) 4-Chloroaniline-d4	10.440	131	144598	20.586	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	425522	20.143	ng/u1	0.00
49) Acenaphthylene-d8	13.834	160	457209	20.519	ng/u1	0.00
54) 4-Nitrophenol-d4	14.422	143	47143	18.211	ng/u1	0.01
60) Fluorene-d10	15.163	176	367150	19.759	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	76339	19.024	ng/u1	0.00
73) Anthracene-d10	17.057	188	619102	20.431	ng/u1	0.00
81) Pyrene-d10	19.445	212	786526	19.957	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.351	264	895304	19.909	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	22302	8.393	ng/uL	89
5) Pyridine	3.534	79	134159	21.267	ng/u1	97
6) Benzaldehyde	6.710	77	99680m	25.133	ng/u1	
8) Phenol	6.769	94	151811	21.020	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.981	93	122917	21.560	ng/u1	97
12) 2-Chlorophenol	7.122	128	112442	20.948	ng/u1	99
13) 2-Methylphenol	7.993	108	112637	21.029	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.046	45	157768	22.756	ng/u1	99
16) Acetophenone	8.357	105	199668	21.188	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.334	70	107472	20.930	ng/u1	97
18) 4-Methylphenol	8.316	108	120403	20.827	ng/u1	93
19) Hexachloroethane	8.581	117	55246	21.138	ng/u1	97
22) Nitrobenzene	8.722	77	171605	21.879	ng/u1	96
23) Isophorone	9.240	82	286357	20.613	ng/u1	99
25) 2-Nitrophenol	9.422	139	65568	20.662	ng/u1	98
26) 2,4-Dimethylphenol	9.493	107	146312	20.822	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.710	93	164020	20.898	ng/u1	99
29) 2,4-Dichlorophenol	9.957	162	123684	19.904	ng/u1	97
30) Naphthalene	10.328	128	369176	20.429	ng/u1	100
32) 4-Chloroaniline	10.463	127	138145	20.283	ng/u1	98
33) Hexachlorobutadiene	10.598	225	115780	21.004	ng/u1	97
34) Caprolactam	11.257	113	36128m	19.926	ng/u1	
35) 4-Chloro-3-methylphenol	11.598	107	139448	20.667	ng/u1	100
36) 2-Methylnaphthalene	11.940	142	268273	20.020	ng/u1	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023369.D
 Acq On : 11 Dec 2024 07:25
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020742

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 12 00:22:49 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Dec 11 00:30:30 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	277405	20.314	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.316	216	201745	20.316	ng/ul	97
40) Hexachlorocyclopentadiene	12.281	237	93486	19.594	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	119727	20.373	ng/ul	98
42) 2,4,5-Trichlorophenol	12.669	196	122102	19.447	ng/ul	94
43) 1,1'-Biphenyl	12.969	154	387667	20.106	ng/ul	98
44) 2-Chloronaphthalene	13.010	162	317364	20.349	ng/ul	99
45) 2-Nitroaniline	13.239	65	97260	21.525	ng/ul	95
47) Dimethylphthalate	13.604	163	419529	20.161	ng/ul	98
48) 2,6-Dinitrotoluene	13.739	165	82625	20.722	ng/ul	97
50) Acenaphthylene	13.863	152	458355	20.199	ng/ul	100
51) 3-Nitroaniline	14.092	138	68822	20.594	ng/ul	91
52) Acenaphthene	14.210	153	334999	20.198	ng/ul	98
53) 2,4-Dinitrophenol	14.316	184	43934	17.087	ng/ul	93
55) 4-Nitrophenol	14.439	109	74696	21.418	ng/ul	97
56) Dibenzofuran	14.557	168	495427	19.669	ng/ul	100
57) 2,4-Dinitrotoluene	14.557	165	125503	19.533	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.804	232	121888	19.554	ng/ul	97
59) Diethylphthalate	14.986	149	421695	20.319	ng/ul	97
61) Fluorene	15.222	166	405385	19.766	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	235896	19.831	ng/ul	96
63) 4-Nitroaniline	15.269	138	64237m	21.855	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.328	198	82525	19.386	ng/ul#	90
67) N-Nitrosodiphenylamine	15.439	169	349052	20.586	ng/ul	98
68) 4-Bromophenyl-phenylether	16.133	248	154287	19.684	ng/ul	96
69) Hexachlorobenzene	16.251	284	191558	19.949	ng/ul	97
70) Atrazine	16.416	200	158527	21.487	ng/ul	98
71) Pentachlorophenol	16.616	266	108868	19.424	ng/ul	99
72) Phenanthrene	17.004	178	690994	20.130	ng/ul	100
74) Anthracene	17.092	178	700747	20.416	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.928	216	200928	20.994	ng/uL	100
76) Pentachlorobenzene	14.481	250	213621	20.250	ng/uL	98
77) Carbazole	17.392	167	602040	21.530	ng/ul	99
78) Di-n-butylphthalate	17.963	149	720712	20.976	ng/ul	99
80) Fluoranthene	19.104	202	907737	20.101	ng/ul	99
82) Pyrene	19.480	202	947458	19.771	ng/ul	100
83) Butylbenzylphthalate	20.433	149	341928	20.602	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.298	252	350208	20.233	ng/ul	99
85) Benzo(a)anthracene	21.368	228	1021272	20.190	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	503660	21.132	ng/ul	99
87) Chrysene	21.433	228	965636	19.921	ng/ul	100
89) Di-n-octyl phthalate	22.510	149	854213	20.820	ng/ul	100
90) Benzo(b)fluoranthene	23.568	252	1063834	20.156	ng/ul	99
91) Benzo(k)fluoranthene	23.633	252	1075354	20.477	ng/ul	100
93) Benzo(a)pyrene	24.421	252	968023	20.228	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.145	276	1231365m	20.023	ng/ul	
95) Dibenzo(a,h)anthracene	28.198	278	969392	19.697	ng/ul	99
96) Benzo(g,h,i)perylene	29.274	276	934292	19.843	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

