

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
 Data File : BP023080.D
 Acq On : 13 Nov 2024 14:09
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020715

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 14 01:17:21 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 13 04:49:01 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	82052	20.000	ng/u1	0.00
20) Naphthalene-d8	10.328	136	323009	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.187	164	264740	20.000	ng/u1	-0.02
64) Phenanthrene-d10	16.998	188	684853	20.000	ng/u1	-0.02
79) Chrysene-d12	21.439	240	768316	20.000	ng/u1	0.00
88) Perylene-d12	24.651	264	871772	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	15198	8.903	ng/uL	0.00
4) Pyridine-d5	3.552	84	107484	21.193	ng/u1	0.00
7) Phenol-d5	6.787	99	127646	21.042	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	76235	21.390	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	93614	21.071	ng/u1	0.00
15) 4-Methylphenol-d8	8.293	113	104673	20.968	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	48642	21.631	ng/u1	0.00
24) 2-Nitrophenol-d4	9.440	143	55960	20.874	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	119452	21.277	ng/u1	0.00
31) 4-Chloroaniline-d4	10.481	131	141662	21.151	ng/u1	0.00
46) Dimethylphthalate-d6	13.616	166	403320	21.138	ng/u1	0.00
49) Acenaphthylene-d8	13.875	160	431622	21.679	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.445	143	51842	18.079	ng/u1	0.00
60) Fluorene-d10	15.198	176	357853	21.391	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.357	200	80552	19.634	ng/u1	0.00
73) Anthracene-d10	17.092	188	617826	21.306	ng/u1	-0.02
81) Pyrene-d10	19.486	212	785364	22.192	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.439	264	948161	22.833	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.175	88	17155	8.698	ng/uL	94
5) Pyridine	3.570	79	108900	21.381	ng/u1	95
6) Benzaldehyde	6.752	77	91945	26.338	ng/u1	97
8) Phenol	6.811	94	132838	20.970	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.022	93	103731	21.791	ng/u1	95
12) 2-Chlorophenol	7.158	128	97511	21.140	ng/u1	96
13) 2-Methylphenol	8.034	108	96921	20.497	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.093	45	116082	21.541	ng/u1	94
16) Acetophenone	8.399	105	175773	20.954	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.375	70	88308	21.083	ng/u1	98
18) 4-Methylphenol	8.358	108	110003	21.062	ng/u1	99
19) Hexachloroethane	8.634	117	46134	20.680	ng/u1	98
22) Nitrobenzene	8.763	77	138183	21.416	ng/u1	100
23) Isophorone	9.281	82	247078	21.415	ng/u1	96
25) 2-Nitrophenol	9.469	139	61253	21.647	ng/u1	90
26) 2,4-Dimethylphenol	9.528	107	132028	21.608	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.758	93	140729	22.169	ng/u1	100
29) 2,4-Dichlorophenol	10.005	162	119128	21.422	ng/u1	98
30) Naphthalene	10.381	128	331658	21.135	ng/u1	98
32) 4-Chloroaniline	10.505	127	134384	20.710	ng/u1	94
33) Hexachlorobutadiene	10.646	225	100922	20.057	ng/u1	97
34) Caprolactam	11.293	113	35117m	21.231	ng/u1	
35) 4-Chloro-3-methylphenol	11.640	107	129390	21.628	ng/u1	95
36) 2-Methylnaphthalene	11.987	142	254098	21.448	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
 Data File : BP023080.D
 Acq On : 13 Nov 2024 14:09
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020715

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 14 01:17:21 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 13 04:49:01 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.210	142	255542	21.100	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.363	216	190734	21.340	ng/ul	98
40) Hexachlorocyclopentadiene	12.334	237	89460	19.057	ng/ul	97
41) 2,4,6-Trichlorophenol	12.622	196	117907	21.665	ng/ul	97
42) 2,4,5-Trichlorophenol	12.710	196	125283	21.353	ng/ul	99
43) 1,1'-Biphenyl	13.016	154	365408	21.540	ng/ul	100
44) 2-Chloronaphthalene	13.057	162	303913	21.916	ng/ul	100
45) 2-Nitroaniline	13.281	65	86883	22.314	ng/ul	92
47) Dimethylphthalate	13.663	163	401961	21.361	ng/ul	99
48) 2,6-Dinitrotoluene	13.775	165	79446	21.705	ng/ul	97
50) Acenaphthylene	13.910	152	434598	21.595	ng/ul	99
51) 3-Nitroaniline	14.116	138	71090	22.549	ng/ul	98
52) Acenaphthene	14.251	153	316063	21.632	ng/ul	97
53) 2,4-Dinitrophenol	14.357	184	45546	17.537	ng/ul	98
55) 4-Nitrophenol	14.463	109	61171	18.234	ng/ul	94
56) Dibenzofuran	14.593	168	476381	21.103	ng/ul	98
57) 2,4-Dinitrotoluene	14.593	165	126938	21.759	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	14.840	232	123994	21.620	ng/ul	96
59) Diethylphthalate	15.040	149	403830	21.699	ng/ul	98
61) Fluorene	15.251	166	389828	21.099	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.251	204	229953	21.137	ng/ul	97
63) 4-Nitroaniline	15.310	138	67888	23.141	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.375	198	86701	19.783	ng/ul#	97
67) N-Nitrosodiphenylamine	15.481	169	344429	21.765	ng/ul	99
68) 4-Bromophenyl-phenylether	16.181	248	164806	21.251	ng/ul	95
69) Hexachlorobenzene	16.287	284	203185	20.812	ng/ul	97
70) Atrazine	16.463	200	157590	20.601	ng/ul	99
71) Pentachlorophenol	16.651	266	115884	19.119	ng/ul	96
72) Phenanthrene	17.034	178	688925	21.306	ng/ul	99
74) Anthracene	17.134	178	689626	21.213	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.981	216	192556	21.295	ng/uL	97
76) Pentachlorobenzene	14.516	250	215676	20.890	ng/uL	98
77) Carbazole	17.422	167	600215	21.161	ng/ul	99
78) Di-n-butylphthalate	17.998	149	670871	21.314	ng/ul	100
80) Fluoranthene	19.145	202	915377	22.452	ng/ul	100
82) Pyrene	19.522	202	967628	22.093	ng/ul	99
83) Butylbenzylphthalate	20.469	149	321067	22.265	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.339	252	376306	21.819	ng/ul	99
85) Benzo(a)anthracene	21.416	228	1036135	22.086	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	465401	22.711	ng/ul	97
87) Chrysene	21.486	228	949069	21.500	ng/ul	100
89) Di-n-octyl phthalate	22.563	149	757655	21.422	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	1104774	22.768	ng/ul	100
91) Benzo(k)fluoranthene	23.704	252	1055332	22.093	ng/ul#	99
93) Benzo(a)pyrene	24.504	252	981091	22.367	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.286	276	1310741m	21.448	ng/ul	
95) Dibenzo(a,h)anthracene	28.357	278	1043743	21.035	ng/ul	98
96) Benzo(g,h,i)perylene	29.427	276	974694	20.998	ng/ul	99

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

