

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023387.D
 Acq On : 11 Dec 2024 22:45
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020744

Quant Time: Dec 12 02:16:40 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	110870	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	424436	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	308650	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.963	188	708640	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	771657	20.000	ng/u1	0.00
88) Perylene-d12	24.569	264	868195	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	25353	8.419	ng/uL	0.00
4) Pyridine-d5	3.511	84	164990	21.306	ng/u1	0.00
7) Phenol-d5	6.740	99	178359	20.503	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	121503	22.138	ng/u1	0.00
11) 2-Chlorophenol-d4	7.081	132	132508	20.638	ng/u1	0.00
15) 4-Methylphenol-d8	8.252	113	141326	20.129	ng/u1	0.00
21) Nitrobenzene-d5	8.681	128	66974	21.131	ng/u1	0.00
24) 2-Nitrophenol-d4	9.393	143	75850	20.765	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	155595	20.182	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	170970	19.796	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	465509	19.428	ng/u1	0.00
49) Acenaphthylene-d8	13.846	160	508647	20.126	ng/u1	0.01
54) 4-Nitrophenol-d4	14.422	143	49016	16.694	ng/u1	0.01
60) Fluorene-d10	15.163	176	402668	19.106	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	81964	19.138	ng/u1	0.02
73) Anthracene-d10	17.069	188	667631	20.643	ng/u1	0.02
81) Pyrene-d10	19.451	212	820962	20.363	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.357	264	957797	20.608	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	27213	8.167	ng/uL	96
5) Pyridine	3.529	79	167481	21.173	ng/u1	97
6) Benzaldehyde	6.711	77	125097m	25.154	ng/u1	
8) Phenol	6.770	94	185701	20.505	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.981	93	153195	21.429	ng/u1	99
12) 2-Chlorophenol	7.117	128	139585	20.738	ng/u1	98
13) 2-Methylphenol	7.993	108	135528	20.179	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.046	45	197893	22.763	ng/u1	97
16) Acetophenone	8.352	105	239551	20.272	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.328	70	133237	20.693	ng/u1	99
18) 4-Methylphenol	8.316	108	146933	20.269	ng/u1	94
19) Hexachloroethane	8.581	117	68129	20.789	ng/u1	95
22) Nitrobenzene	8.722	77	204215	21.176	ng/u1	97
23) Isophorone	9.240	82	354786	20.770	ng/u1	100
25) 2-Nitrophenol	9.422	139	80693	20.681	ng/u1	98
26) 2,4-Dimethylphenol	9.487	107	175084	20.264	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.711	93	204445	21.184	ng/u1	100
29) 2,4-Dichlorophenol	9.958	162	152697	19.985	ng/u1	96
30) Naphthalene	10.328	128	446223	20.082	ng/u1	99
32) 4-Chloroaniline	10.458	127	167138	19.958	ng/u1	98
33) Hexachlorobutadiene	10.599	225	134063	19.780	ng/u1	98
34) Caprolactam	11.252	113	41492m	18.611	ng/u1	
35) 4-Chloro-3-methylphenol	11.599	107	161491	19.465	ng/u1	98
36) 2-Methylnaphthalene	11.940	142	324711	19.707	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	331426	19.739	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.322	216	234527	20.822	ng/ul	97
40) Hexachlorocyclopentadiene	12.281	237	109405	20.216	ng/ul	100
41) 2,4,6-Trichlorophenol	12.581	196	136731	20.513	ng/ul	98
42) 2,4,5-Trichlorophenol	12.669	196	144124	20.237	ng/ul	100
43) 1,1'-Biphenyl	12.969	154	451922	20.665	ng/ul	99
44) 2-Chloronaphthalene	13.010	162	363561	20.553	ng/ul	98
45) 2-Nitroaniline	13.246	65	108213	21.114	ng/ul	97
47) Dimethylphthalate	13.610	163	463880	19.654	ng/ul	98
48) 2,6-Dinitrotoluene	13.746	165	91282	20.184	ng/ul	97
50) Acenaphthylene	13.875	152	517771	20.117	ng/ul	99
51) 3-Nitroaniline	14.087	138	76156	20.092	ng/ul	97
52) Acenaphthene	14.216	153	377487	20.067	ng/ul	98
53) 2,4-Dinitrophenol	14.328	184	46867	16.070	ng/ul	95
55) 4-Nitrophenol	14.434	109	50623	12.798	ng/ul	96
56) Dibenzofuran	14.563	168	556064	19.464	ng/ul	99
57) 2,4-Dinitrotoluene	14.569	165	137197	18.826	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.804	232	133630m	18.901	ng/ul	
59) Diethylphthalate	14.998	149	453553	19.268	ng/ul	98
61) Fluorene	15.222	166	447724	19.247	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	256961	19.045	ng/ul	97
63) 4-Nitroaniline	15.293	138	71858	21.554	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.346	198	89385	19.674	ng/ul	96
67) N-Nitrosodiphenylamine	15.440	169	381644	21.090	ng/ul	99
68) 4-Bromophenyl-phenylether	16.128	248	170688	20.404	ng/ul	97
69) Hexachlorobenzene	16.251	284	200993	19.612	ng/ul	95
70) Atrazine	16.422	200	170305	21.628	ng/ul	99
71) Pentachlorophenol	16.622	266	113348	18.948	ng/ul	98
72) Phenanthrene	17.010	178	733138	20.012	ng/ul	99
74) Anthracene	17.104	178	742899	20.280	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.934	216	231604	22.674	ng/uL	98
76) Pentachlorobenzene	14.475	250	242197	21.511	ng/uL	99
77) Carbazole	17.398	167	630847	21.138	ng/ul	100
78) Di-n-butylphthalate	17.969	149	766876	20.913	ng/ul	100
80) Fluoranthene	19.110	202	945468	20.466	ng/ul	99
82) Pyrene	19.486	202	1012769	20.660	ng/ul	99
83) Butylbenzylphthalate	20.433	149	363979	21.438	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.298	252	370052	20.899	ng/ul	99
85) Benzo(a)anthracene	21.375	228	1064775	20.577	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	518890	21.282	ng/ul	99
87) Chrysene	21.439	228	1000910	20.185	ng/ul	99
89) Di-n-octyl phthalate	22.510	149	886913	20.917	ng/ul	100
90) Benzo(b)fluoranthene	23.569	252	1113689	20.417	ng/ul	99
91) Benzo(k)fluoranthene	23.639	252	1097164	20.215	ng/ul	100
93) Benzo(a)pyrene	24.422	252	983266	19.881	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.151	276	1266747	19.931	ng/ul	97
95) Dibenzo(a,h)anthracene	28.215	278	991497	19.493	ng/ul	98
96) Benzo(g,h,i)perylene	29.292	276	949913	19.520	ng/ul	100

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

