

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022838.D
 Acq On : 04 Nov 2024 22:24
 Operator : RC/JU
 Sample : PB164553BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS553

Quant Time: Nov 04 23:03:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	84463	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	329213	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.240	164	271136	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.057	188	669891	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	709222	20.000	ng/ul	-0.02
88) Perylene-d12	24.721	264	824741	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	8679	3.993	ng/uL	0.00
4) Pyridine-d5	3.587	84	138223	23.165	ng/ul	0.00
7) Phenol-d5	6.822	99	180234	25.350	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	96282	23.041	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	133745	26.511	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	144277	25.428	ng/ul	-0.01
21) Nitrobenzene-d5	8.769	128	65704	25.956	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	77124	26.317	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	173530	27.860	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.528	131	169282	23.000	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	536993	24.927	ng/ul	-0.01
49) Acenaphthylene-d8	13.934	160	571973	24.998	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.475	143	80995	22.411	ng/ul	-0.04
60) Fluorene-d10	15.251	176	470309	25.170	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.398	200	101330	22.999	ng/ul	0.00
73) Anthracene-d10	17.145	188	821359	26.064	ng/ul	-0.02
81) Pyrene-d10	19.533	212	1004404	26.781	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.510	264	1180381	26.799	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	20030	8.571	ng/uL	92
5) Pyridine	3.605	79	140593	22.980	ng/ul	94
6) Benzaldehyde	6.793	77	14873	3.871	ng/ul	93
8) Phenol	6.852	94	190856	25.801	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.063	93	134830	24.355	ng/ul	97
12) 2-Chlorophenol	7.205	128	140772	26.984	ng/ul	96
13) 2-Methylphenol	8.075	108	138876	25.870	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	152657	23.727	ng/ul	99
16) Acetophenone	8.440	105	232436	24.813	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.422	70	118270	24.921	ng/ul	99
18) 4-Methylphenol	8.399	108	154335	25.915	ng/ul	98
19) Hexachloroethane	8.681	117	61257	25.213	ng/ul	98
22) Nitrobenzene	8.810	77	190433	25.203	ng/ul	98
23) Isophorone	9.328	82	336180	24.815	ng/ul	97
25) 2-Nitrophenol	9.516	139	83958	26.582	ng/ul	97
26) 2,4-Dimethylphenol	9.575	107	171087	24.922	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.804	93	186755	24.278	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	173856	28.344	ng/ul	98
30) Naphthalene	10.428	128	448801	25.595	ng/ul	99
32) 4-Chloroaniline	10.546	127	105788	14.561	ng/ul	98
33) Hexachlorobutadiene	10.710	225	140828	27.241	ng/ul	99
34) Caprolactam	11.334	113	47718m	24.131	ng/ul	
35) 4-Chloro-3-methylphenol	11.687	107	181634	27.141	ng/ul	100
36) 2-Methylnaphthalene	12.040	142	341866	26.560	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	337760	25.710	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.410	216	262354	26.169	ng/ul	98
40) Hexachlorocyclopentadiene	12.387	237	83782	13.716	ng/ul	99
41) 2,4,6-Trichlorophenol	12.669	196	168597	26.735	ng/ul	97
42) 2,4,5-Trichlorophenol	12.745	196	186170	27.726	ng/ul	96
43) 1,1'-Biphenyl	13.063	154	500036	25.586	ng/ul	100
44) 2-Chloronaphthalene	13.104	162	414310	25.897	ng/ul	97
45) 2-Nitroaniline	13.322	65	122670	25.679	ng/ul	100
47) Dimethylphthalate	13.698	163	539476	25.132	ng/ul	100
48) 2,6-Dinitrotoluene	13.828	165	111993	27.583	ng/ul	96
50) Acenaphthylene	13.963	152	598694	25.212	ng/ul	98
51) 3-Nitroaniline	14.163	138	93583	24.540	ng/ul	99
52) Acenaphthene	14.310	153	436326	25.985	ng/ul	97
53) 2,4-Dinitrophenol	14.387	184	59421	19.891	ng/ul	95
55) 4-Nitrophenol	14.492	109	98387	24.529	ng/ul	91
56) Dibenzofuran	14.645	168	657959	26.085	ng/ul	98
57) 2,4-Dinitrotoluene	14.634	165	173928	27.567	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.887	232	173903	27.747	ng/ul	97
59) Diethylphthalate	15.081	149	548686	26.643	ng/ul	100
61) Fluorene	15.310	166	539377	26.245	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.304	204	315261	26.824	ng/ul	97
63) 4-Nitroaniline	15.351	138	112073m	29.206	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	110869	23.363	ng/ul	99
67) N-Nitrosodiphenylamine	15.522	169	462087	25.759	ng/ul	99
68) 4-Bromophenyl-phenylether	16.216	248	221837	27.461	ng/ul	96
69) Hexachlorobenzene	16.345	284	275133	27.669	ng/ul	94
70) Atrazine	16.504	200	196046	26.291	ng/ul	96
71) Pentachlorophenol	16.710	266	172188	26.931	ng/ul	98
72) Phenanthrene	17.098	178	924744	25.802	ng/ul	98
74) Anthracene	17.181	178	927903	25.944	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	262693	25.754	ng/uL	98
76) Pentachlorobenzene	14.569	250	293764	26.053	ng/uL	97
77) Carbazole	17.469	167	820173	25.916	ng/ul	99
78) Di-n-butylphthalate	18.057	149	915257	26.138	ng/ul	100
80) Fluoranthene	19.186	202	1201638	27.870	ng/ul	99
82) Pyrene	19.569	202	1266426	27.405	ng/ul#	96
83) Butylbenzylphthalate	20.510	149	431567	26.823	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	453677	26.835	ng/ul	98
85) Benzo(a)anthracene	21.457	228	1313207	26.413	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	614187	26.595	ng/ul	98
87) Chrysene	21.521	228	1210139	26.250	ng/ul	99
89) Di-n-octyl phthalate	22.627	149	1006281	25.651	ng/ul	100
90) Benzo(b)fluoranthene	23.704	252	1417405	27.303	ng/ul#	99
91) Benzo(k)fluoranthene	23.768	252	1382287	27.196	ng/ul#	99
93) Benzo(a)pyrene	24.574	252	1248635	26.133	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.415	276	1646250m	25.820	ng/ul	
95) Dibenzo(a,h)anthracene	28.468	278	1327095	25.704	ng/ul#	98
96) Benzo(g,h,i)perylene	29.550	276	1266814	25.544	ng/ul	99

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

