

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP012983.D
 Acq On : 08 Dec 2022 14:15
 Operator : CG/JU
 Sample : PB149448BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS448

Quant Time: Dec 09 01:53:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	526142	20.000	ng/u1	0.00
20) Naphthalene-d8	10.792	136	2272615	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1509263	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	3428029	20.000	ng/u1	0.00
79) Chrysene-d12	21.456	240	3281137	20.000	ng/u1	0.00
88) Perylene-d12	23.950	264	3480145	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	73800	5.997	ng/uL	0.00
4) Pyridine-d5	3.781	84	1062896	30.407	ng/u1	0.00
7) Phenol-d5	7.134	99	1434358	33.470	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.304	67	860482	33.285	ng/u1	0.00
11) 2-Chlorophenol-d4	7.504	132	1144976	33.939	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	1157222	32.956	ng/u1	0.00
21) Nitrobenzene-d5	9.145	128	562625	33.695	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	635338	33.798	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	1240659	33.979	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	1555856	30.184	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	3827983	33.002	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	4224825	33.147	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	699513	33.526	ng/u1	0.00
60) Fluorene-d10	15.610	176	3241016	33.027	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	707509	32.072	ng/u1	0.00
73) Anthracene-d10	17.474	188	5072614	32.800	ng/u1	0.00
81) Pyrene-d10	19.704	212	6180099	32.814	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	5971594	34.425	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	159663	12.429	ng/uL	98
5) Pyridine	3.804	79	1088740	31.338	ng/u1	98
6) Benzaldehyde	7.110	77	725328	43.224	ng/u1	99
8) Phenol	7.157	94	1554346	35.872	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.392	93	1226187	34.478	ng/u1	98
12) 2-Chlorophenol	7.540	128	1231477	35.596	ng/u1	100
13) 2-Methylphenol	8.422	108	1187277	35.146	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.504	45	1757939	36.022	ng/u1	98
16) Acetophenone	8.810	105	1875980	34.843	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.792	70	951627	35.148	ng/u1	99
18) 4-Methylphenol	8.751	108	1311211	35.043	ng/u1	99
19) Hexachloroethane	9.063	117	467430	33.811	ng/u1	97
22) Nitrobenzene	9.186	77	1378124	35.172	ng/u1	99
23) Isophorone	9.716	82	2732466	34.489	ng/u1	98
25) 2-Nitrophenol	9.904	139	724061	35.549	ng/u1	99
26) 2,4-Dimethylphenol	9.957	107	1329347	33.450	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.198	93	1716221	33.878	ng/u1	100
29) 2,4-Dichlorophenol	10.433	162	1279917	35.785	ng/u1	99
30) Naphthalene	10.845	128	4040139	33.992	ng/u1	100
32) 4-Chloroaniline	10.951	127	1348516	26.437	ng/u1	98
33) Hexachlorobutadiene	11.128	225	839260	34.175	ng/u1	99
34) Caprolactam	11.739	113	404971m	33.207	ng/u1	
35) 4-Chloro-3-methylphenol	12.069	107	1337599	36.645	ng/u1	96
36) 2-Methylnaphthalene	12.445	142	2852144	34.979	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	2861353	34.123	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.810	216	1682405	34.618	ng/u1	99
40) Hexachlorocyclopentadiene	12.792	237	850876	26.905	ng/u1	100
41) 2,4,6-Trichlorophenol	13.051	196	1098563	35.173	ng/u1	100
42) 2,4,5-Trichlorophenol	13.122	196	1205667	35.938	ng/u1	99
43) 1,1'-Biphenyl	13.451	154	3823139	33.728	ng/u1	100
44) 2-Chloronaphthalene	13.492	162	3040415	34.081	ng/u1	99
45) 2-Nitroaniline	13.698	65	819302	37.879	ng/u1	98
47) Dimethylphthalate	14.069	163	3999634	34.790	ng/u1	100
48) 2,6-Dinitrotoluene	14.192	165	794057	37.165	ng/u1	98
50) Acenaphthylene	14.339	152	4645579	33.902	ng/u1	99
51) 3-Nitroaniline	14.522	138	771957	38.264	ng/u1	99
52) Acenaphthene	14.680	153	3245282	34.176	ng/u1	100
53) 2,4-Dinitrophenol	14.721	184	469343	32.137	ng/u1	99
55) 4-Nitrophenol	14.821	109	515957	36.241	ng/u1	98
56) Dibenzofuran	15.016	168	4606507	34.120	ng/u1	99
57) 2,4-Dinitrotoluene	14.980	165	1157134	37.285	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.239	232	1051544	34.346	ng/u1#	98
59) Diethylphthalate	15.433	149	3913794	35.020	ng/u1	99
61) Fluorene	15.663	166	3760429	34.730	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.657	204	2000752	34.942	ng/u1	99
63) 4-Nitroaniline	15.686	138	823296	46.377	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.739	198	738989	34.280	ng/u1	99
67) N-Nitrosodiphenylamine	15.868	169	3297825	34.700	ng/u1	99
68) 4-Bromophenyl-phenylether	16.557	248	1281506	34.423	ng/u1	99
69) Hexachlorobenzene	16.668	284	1534336	34.711	ng/u1	98
70) Atrazine	16.827	200	794663	21.457	ng/u1	99
71) Pentachlorophenol	17.015	266	869196	32.469	ng/u1	99
72) Phenanthrene	17.415	178	6237950	34.936	ng/u1	100
74) Anthracene	17.510	178	6186368	34.700	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	1691124	34.577	ng/uL	100
76) Pentachlorobenzene	14.933	250	1693778	33.967	ng/uL	100
77) Carbazole	17.774	167	5593160	37.252	ng/u1	99
78) Di-n-butylphthalate	18.315	149	6689868	36.594	ng/u1	100
80) Fluoranthene	19.374	202	7490804	35.043	ng/u1	100
82) Pyrene	19.727	202	7706768	34.951	ng/u1	99
83) Butylbenzylphthalate	20.592	149	3010892	35.345	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.368	252	2591352	34.960	ng/u1	100
85) Benzo(a)anthracene	21.439	228	7753133	35.594	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	4345345	36.162	ng/u1	98
87) Chrysene	21.498	228	7310276	35.489	ng/u1	99
89) Di-n-octyl phthalate	22.309	149	7553834	38.744	ng/u1	100
90) Benzo(b)fluoranthene	23.186	252	7905182	35.622	ng/u1	99
91) Benzo(k)fluoranthene	23.239	252	7887592	35.843	ng/u1	100
93) Benzo(a)pyrene	23.839	252	6975409	36.099	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.562	276	8282376	34.411	ng/u1	99
95) Dibenzo(a,h)anthracene	26.580	278	7334772	36.806	ng/u1	99
96) Benzo(g,h,i)perylene	27.362	276	6989405	36.171	ng/u1	99

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

