

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122822\
 Data File : BP013356.D
 Acq On : 28 Dec 2022 17:28
 Operator : CG/JU
 Sample : PB149897BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS897

Quant Time: Dec 29 00:20:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 28 00:16:35 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Sohil Jodhani 12/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	460018	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	1983387	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	1328743	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	2895389	20.000	ng/u1	0.00
79) Chrysene-d12	21.422	240	2045010	20.000	ng/u1	0.00
88) Perylene-d12	23.886	264	1986936	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	65054	6.046	ng/uL	0.00
4) Pyridine-d5	3.746	84	941633	30.810	ng/u1	0.00
7) Phenol-d5	7.093	99	1261553	33.669	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	755151	33.409	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	984642	33.382	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	1010802	32.923	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	486276	33.369	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	570822	34.794	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	1094390	34.344	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	1268223	28.191	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	3202348	31.359	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	3629570	32.345	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	568281	30.936	ng/u1	0.00
60) Fluorene-d10	15.569	176	2753845	31.875	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	601392	32.277	ng/u1	0.00
73) Anthracene-d10	17.434	188	4219913	32.306	ng/u1	0.00
81) Pyrene-d10	19.663	212	4518099	38.490	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	3255279	32.869	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	139106	12.385	ng/uL#	90
5) Pyridine	3.770	79	992269	32.667	ng/u1	96
6) Benzaldehyde	7.069	77	775021	52.824	ng/u1	98
8) Phenol	7.122	94	1312016	34.631	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.352	93	1025662	32.985	ng/u1	96
12) 2-Chlorophenol	7.493	128	1025713	33.910	ng/u1	97
13) 2-Methylphenol	8.375	108	988435	33.466	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1581162	37.057	ng/u1	97
16) Acetophenone	8.763	105	1616230	34.333	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.746	70	844037	35.655	ng/u1	93
18) 4-Methylphenol	8.710	108	1100749	33.647	ng/u1	99
19) Hexachloroethane	9.010	117	406844	33.658	ng/u1	99
22) Nitrobenzene	9.146	77	1201661	35.141	ng/u1	98
23) Isophorone	9.669	82	2368113	34.249	ng/u1	97
25) 2-Nitrophenol	9.857	139	612064	34.432	ng/u1	94
26) 2,4-Dimethylphenol	9.916	107	1172426	33.803	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.152	93	1442154	32.619	ng/u1	99
29) 2,4-Dichlorophenol	10.393	162	1082682	34.685	ng/u1	99
30) Naphthalene	10.793	128	3356219	32.356	ng/u1	100
32) 4-Chloroaniline	10.904	127	1289082	28.957	ng/u1	99
33) Hexachlorobutadiene	11.075	225	743219	34.677	ng/u1	98
34) Caprolactam	11.699	113	326391m	30.666	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	1130565	35.490	ng/u1	100
36) 2-Methylnaphthalene	12.399	142	2343036	32.926	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	2341337	31.993	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.763	216	1470256	34.363	ng/u1	98
40) Hexachlorocyclopentadiene	12.740	237	814141	29.241	ng/u1	99
41) 2,4,6-Trichlorophenol	13.010	196	962703	35.011	ng/u1	99
42) 2,4,5-Trichlorophenol	13.081	196	1042143	35.284	ng/u1	99
43) 1,1'-Biphenyl	13.404	154	3242004	32.487	ng/u1	99
44) 2-Chloronaphthalene	13.451	162	2581680	32.870	ng/u1	100
45) 2-Nitroaniline	13.657	65	740395	38.881	ng/u1	94
47) Dimethylphthalate	14.028	163	3300922	32.613	ng/u1	100
48) 2,6-Dinitrotoluene	14.157	165	673242	35.792	ng/u1	98
50) Acenaphthylene	14.298	152	3934051	32.610	ng/u1	100
51) 3-Nitroaniline	14.481	138	608652	34.268	ng/u1	96
52) Acenaphthene	14.640	153	2691650	32.197	ng/u1	99
53) 2,4-Dinitrophenol	14.693	184	383471	29.825	ng/u1	100
55) 4-Nitrophenol	14.793	109	441115	35.194	ng/u1	94
56) Dibenzofuran	14.975	168	3883045	32.669	ng/u1	100
57) 2,4-Dinitrotoluene	14.945	165	961738	35.199	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.198	232	936015	34.726	ng/u1	98
59) Diethylphthalate	15.392	149	3163461	32.152	ng/u1	98
61) Fluorene	15.628	166	3156934	33.118	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.616	204	1709226	33.906	ng/u1	100
63) 4-Nitroaniline	15.651	138	656677	42.016	ng/u1	93
66) 4,6-Dinitro-2-methylph...	15.710	198	595676	32.715	ng/u1	98
67) N-Nitrosodiphenylamine	15.834	169	2701859	33.659	ng/u1	100
68) 4-Bromophenyl-phenylether	16.516	248	1093798	34.786	ng/u1	98
69) Hexachlorobenzene	16.634	284	1292093	34.608	ng/u1	98
70) Atrazine	16.787	200	1038469	33.198	ng/u1	100
71) Pentachlorophenol	16.981	266	718478	31.777	ng/u1	98
72) Phenanthrene	17.375	178	4955245	32.858	ng/u1	100
74) Anthracene	17.469	178	5001623	33.215	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	1500728	36.329	ng/uL	100
76) Pentachlorobenzene	14.893	250	1458949	34.641	ng/uL	100
77) Carbazole	17.739	167	4309969	33.986	ng/u1	99
78) Di-n-butylphthalate	18.275	149	5032446	32.592	ng/u1	99
80) Fluoranthene	19.339	202	5480954	41.139	ng/u1	98
82) Pyrene	19.692	202	5561232	40.466	ng/u1	98
83) Butylbenzylphthalate	20.557	149	1811012	34.110	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.333	252	1446898	31.319	ng/u1	99
85) Benzo(a)anthracene	21.404	228	4581598	33.748	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.310	149	2455929	32.792	ng/u1	100
87) Chrysene	21.457	228	4314328	33.605	ng/u1	100
89) Di-n-octyl phthalate	22.257	149	3705491	33.289	ng/u1	100
90) Benzo(b)fluoranthene	23.133	252	4344020	34.285	ng/u1	99
91) Benzo(k)fluoranthene	23.180	252	4058549	32.303	ng/u1	99
93) Benzo(a)pyrene	23.774	252	3729273	33.803	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	5101271	37.122	ng/u1	97
95) Dibenzo(a,h)anthracene	26.480	278	4328903	38.047	ng/u1	99
96) Benzo(g,h,i)perylene	27.257	276	4285661	38.847	ng/u1	98

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

