

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
 Data File : BP018464.D
 Acq On : 29 Nov 2023 04:51
 Operator : MA/JU
 Sample : PB157404BS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS404

Quant Time: Nov 29 05:51:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 29 04:01:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	479284	20.000	ng/u1	0.00
20) Naphthalene-d8	10.652	136	2013159	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	1236729	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	2415387	20.000	ng/u1	0.01
79) Chrysene-d12	21.633	240	1655367m	20.000	ng/u1	0.19
88) Perylene-d12	25.027	264	1683353m	20.000	ng/u1	0.89
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	81087	6.337	ng/uL	0.00
4) Pyridine-d5	3.681	84	1029223	29.267	ng/u1	0.00
7) Phenol-d5	7.022	99	1472674	33.621	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	800190	30.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	1223538	33.270	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	1146904	32.445	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	586535	35.870	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	603133	39.939	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	1253304	34.400	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	1384206	28.170	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	3540996	32.178	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	3991335	31.832	ng/u1	0.00
54) 4-Nitrophenol-d4	14.693	143	498948	32.843	ng/u1	0.00
60) Fluorene-d10	15.487	176	2930416	31.837	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	430169	41.836	ng/u1	0.01
73) Anthracene-d10	17.357	188	3932273	30.459	ng/u1	0.01
81) Pyrene-d10	19.651	212	4215762	31.999	ng/u1	0.05
92) Benzo(a)pyrene-d12	24.792	264	3418630m	35.029	ng/u1	0.84
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	161418	11.764	ng/uL#	86
5) Pyridine	3.699	79	1070719	30.218	ng/u1	92
6) Benzaldehyde	6.993	77	708956	30.586	ng/u1	94
8) Phenol	7.046	94	1438476	33.479	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.281	93	1163507	32.509	ng/u1	96
12) 2-Chlorophenol	7.417	128	1207479	32.727	ng/u1	94
13) 2-Methylphenol	8.299	108	1080594	32.289	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1381996	27.165	ng/u1	95
16) Acetophenone	8.681	105	1740339	32.175	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.675	70	789617	26.133	ng/u1	91
18) 4-Methylphenol	8.634	108	1182764	33.095	ng/u1	98
19) Hexachloroethane	8.934	117	487323	31.628	ng/u1	92
22) Nitrobenzene	9.058	77	1217823	31.790	ng/u1	94
23) Isophorone	9.587	82	2443765	28.622	ng/u1	97
25) 2-Nitrophenol	9.769	139	659162	38.795	ng/u1	90
26) 2,4-Dimethylphenol	9.834	107	701193	18.381	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.075	93	1598290	30.996	ng/u1	100
29) 2,4-Dichlorophenol	10.299	162	1195002	34.242	ng/u1	98
30) Naphthalene	10.705	128	3888788	31.938	ng/u1	100
32) 4-Chloroaniline	10.816	127	1296010	27.950	ng/u1	99
33) Hexachlorobutadiene	10.993	225	827512	34.766	ng/u1	99
34) Caprolactam	11.605	113	364547m	36.248	ng/u1	
35) 4-Chloro-3-methylphenol	11.946	107	1129790	30.278	ng/u1	93
36) 2-Methylnaphthalene	12.316	142	2697785	31.307	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	2644323	30.486	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	1563087	35.786	ng/ul	98
40) Hexachlorocyclopentadiene	12.663	237	570984	23.081	ng/ul	99
41) 2,4,6-Trichlorophenol	12.922	196	900846	34.342	ng/ul	99
42) 2,4,5-Trichlorophenol	12.993	196	997859	35.179	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	3525887	32.722	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	2815980	33.019	ng/ul	97
45) 2-Nitroaniline	13.575	65	597588	32.565	ng/ul#	82
47) Dimethylphthalate	13.957	163	3497445	32.482	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	693049	38.178	ng/ul	87
50) Acenaphthylene	14.216	152	4424188	31.654	ng/ul	99
51) 3-Nitroaniline	14.399	138	624138	34.604	ng/ul#	90
52) Acenaphthene	14.557	153	2901940	31.783	ng/ul	99
53) 2,4-Dinitrophenol	14.599	184	254887	40.246	ng/ul	98
55) 4-Nitrophenol	14.710	109	336366	29.886	ng/ul	91
56) Dibenzofuran	14.893	168	4003161	32.070	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	939255	38.288	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.116	232	726199	32.600	ng/ul	95
59) Diethylphthalate	15.328	149	3372664	31.182	ng/ul	99
61) Fluorene	15.546	166	3107937	30.532	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.540	204	1684281	32.584	ng/ul	96
63) 4-Nitroaniline	15.569	138	573406	33.686	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.622	198	473615	41.532	ng/ul	97
67) N-Nitrosodiphenylamine	15.757	169	2667872	32.571	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	1082455	35.495	ng/ul	93
69) Hexachlorobenzene	16.551	284	1245984	36.547	ng/ul#	91
70) Atrazine	16.722	200	288480	11.537	ng/ul	98
71) Pentachlorophenol	16.898	266	570514	32.568	ng/ul	99
72) Phenanthrene	17.298	178	4815473	32.777	ng/ul	100
74) Anthracene	17.392	178	4539634	30.612	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	1559202	37.555	ng/uL	98
76) Pentachlorobenzene	14.810	250	1508891	37.414	ng/uL	100
77) Carbazole	17.669	167	3942943	32.818	ng/ul	99
78) Di-n-butylphthalate	18.257	149	5339141	31.949	ng/ul	99
80) Fluoranthene	19.310	202	5050443	32.089	ng/ul	99
82) Pyrene	19.681	202	5060120	31.928	ng/ul	98
83) Butylbenzylphthalate	20.775	149	1827966m	31.167	ng/ul	
84) 3,3'-Dichlorobenzidine	21.645	252	1133301m	28.306	ng/ul	
85) Benzo(a)anthracene	21.622	228	4742127m	35.151	ng/ul	
86) Bis(2-ethylhexyl)phtha...	22.092	149	2398091m	27.252	ng/ul	
87) Chrysene	21.675	228	3729401m	30.378	ng/ul	
89) Di-n-octyl phthalate	24.174	149	3152921m	25.441	ng/ul	
90) Benzo(b)fluoranthene	24.027	252	8418437m	68.851	ng/ul	
91) Benzo(k)fluoranthene	24.898	252	4028709m	33.098	ng/ul	
93) Benzo(a)pyrene	24.898	252	4008722m	35.650	ng/ul	

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

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