

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018386.D
 Acq On : 26 Nov 2023 01:30
 Operator : MA/JU
 Sample : PB157191BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS191

Quant Time: Nov 27 02:13:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	524768	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	2095264	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	1214284	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	2230469	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1613437	20.000	ng/u1	0.00
88) Perylene-d12	23.804	264	1978223	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	76610	5.468	ng/uL	0.00
4) Pyridine-d5	3.687	84	914869	23.761	ng/u1	0.00
7) Phenol-d5	7.034	99	1433816	29.897	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	789034	27.513	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	1216960	30.223	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	1149495	29.700	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	570998	33.552	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	601443	38.267	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	1211590	31.952	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	1075473	21.029	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	3260884	30.180	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	3702108	30.071	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	446844	29.957	ng/u1	0.00
60) Fluorene-d10	15.492	176	2639311	29.205	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	371777	39.155	ng/u1	0.00
73) Anthracene-d10	17.345	188	3564650	29.900	ng/u1	0.00
81) Pyrene-d10	19.586	212	3584171	27.912	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	3669581	31.996	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	152221	10.132	ng/uL#	92
5) Pyridine	3.705	79	1013451	26.123	ng/u1	95
6) Benzaldehyde	7.005	77	589853	23.242	ng/u1	96
8) Phenol	7.058	94	1400641	29.773	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.293	93	1138259	29.047	ng/u1	97
12) 2-Chlorophenol	7.428	128	1196205	29.611	ng/u1	95
13) 2-Methylphenol	8.310	108	1078034	29.420	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1365406	24.513	ng/u1	95
16) Acetophenone	8.693	105	1665752	28.127	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.687	70	767820	23.209	ng/u1	93
18) 4-Methylphenol	8.646	108	1148413	29.349	ng/u1	98
19) Hexachloroethane	8.946	117	484448	28.716	ng/u1	92
22) Nitrobenzene	9.069	77	1178791	29.566	ng/u1	94
23) Isophorone	9.599	82	2313979	26.040	ng/u1	97
25) 2-Nitrophenol	9.781	139	638266	36.093	ng/u1	91
26) 2,4-Dimethylphenol	9.846	107	952831	23.999	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.087	93	1502225	27.991	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	1146019	31.552	ng/u1	97
30) Naphthalene	10.716	128	3694528	29.154	ng/u1	100
32) 4-Chloroaniline	10.828	127	1172191	24.289	ng/u1	99
33) Hexachlorobutadiene	11.004	225	837305	33.799	ng/u1	99
34) Caprolactam	11.610	113	333621m	31.873	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	1062250	27.353	ng/u1	96
36) 2-Methylnaphthalene	12.328	142	2520673	28.105	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	2469317	27.353	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	1488183	34.701	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	667391	27.477	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	862297	33.480	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	927913	33.318	ng/ul	100
43) 1,1'-Biphenyl	13.340	154	3235993	30.586	ng/ul	98
44) 2-Chloronaphthalene	13.375	162	2606782	31.131	ng/ul	98
45) 2-Nitroaniline	13.581	65	556591	30.891	ng/ul	85
47) Dimethylphthalate	13.963	163	3173167	30.015	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	632840	35.506	ng/ul#	86
50) Acenaphthylene	14.222	152	4027238	29.346	ng/ul	99
51) 3-Nitroaniline	14.404	138	546632	30.867	ng/ul#	93
52) Acenaphthene	14.563	153	2634248	29.385	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	226601	36.441	ng/ul	98
55) 4-Nitrophenol	14.710	109	304121	27.521	ng/ul	94
56) Dibenzofuran	14.898	168	3624208	29.571	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	833678	34.612	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.122	232	673463	30.791	ng/ul	94
59) Diethylphthalate	15.328	149	3038378	28.610	ng/ul	99
61) Fluorene	15.545	166	2815372	28.169	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	1528673	30.120	ng/ul	97
63) 4-Nitroaniline	15.569	138	496276	29.694	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.622	198	404416	38.404	ng/ul	95
67) N-Nitrosodiphenylamine	15.757	169	2396192	31.680	ng/ul	100
68) 4-Bromophenyl-phenylether	16.439	248	921247	32.714	ng/ul	96
69) Hexachlorobenzene	16.545	284	1104057	35.069	ng/ul	93
70) Atrazine	16.716	200	342206	14.820	ng/ul	99
71) Pentachlorophenol	16.892	266	512244	31.666	ng/ul	98
72) Phenanthrene	17.292	178	4126921	30.419	ng/ul	99
74) Anthracene	17.381	178	4036223	29.473	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	1468711	38.308	ng/uL	100
76) Pentachlorobenzene	14.816	250	1375948	36.946	ng/uL	98
77) Carbazole	17.651	167	3312817	29.860	ng/ul	99
78) Di-n-butylphthalate	18.216	149	4520535	29.293	ng/ul	100
80) Fluoranthene	19.263	202	4209508	27.441	ng/ul	97
82) Pyrene	19.616	202	4207257	27.236	ng/ul	97
83) Butylbenzylphthalate	20.510	149	1523257	26.646	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.280	252	1255538	32.174	ng/ul	99
85) Benzo(a)anthracene	21.345	228	4017478	30.553	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	2196084	25.605	ng/ul	99
87) Chrysene	21.398	228	3718378	31.076	ng/ul	100
89) Di-n-octyl phthalate	22.263	149	3670565	25.203	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	4356547	30.319	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	4184097	29.251	ng/ul	99
93) Benzo(a)pyrene	23.698	252	4109701	31.101	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.404	276	5238263	34.283	ng/ul	97
95) Dibenzo(a,h)anthracene	26.451	278	4327682	34.598	ng/ul	98
96) Benzo(g,h,i)perylene	27.204	276	4278519	34.576	ng/ul	97

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

