

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018757.D
 Acq On : 12 Dec 2023 08:58
 Operator : MA/JU
 Sample : 05675-08MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0AB0MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 21:45:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	183247	20.000	ng/u1	0.00
20) Naphthalene-d8	10.634	136	706121	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	460008	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1072467	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.310	240	1168313	20.000	ng/u1	# 0.00
88) Perylene-d12	23.674	264	1323490	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	20398	3.793	ng/uL	0.00
4) Pyridine-d5	3.687	84	102789m	7.136	ng/u1	0.01
7) Phenol-d5	7.010	99	87631	4.765	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	278331	25.537	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	279608	19.486	ng/u1	0.00
15) 4-Methylphenol-d8	8.557	113	164796	11.073	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	184208	29.311	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	200102	30.710	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	365821	27.457	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	359116	20.624	ng/u1	0.00
46) Dimethylphthalate-d6	13.886	166	1330942	32.418	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1346460	29.783	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	44641	6.624	ng/u1	0.00
60) Fluorene-d10	15.463	176	1121870	32.553	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	234834	36.519	ng/u1	0.00
73) Anthracene-d10	17.316	188	1814781	32.188	ng/u1	0.00
81) Pyrene-d10	19.557	212	2425042	26.665	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	2693932	34.910	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	36683	6.221	ng/uL	97
5) Pyridine	3.705	79	110976	7.630	ng/u1	96
6) Benzaldehyde	6.981	77	262430	27.640	ng/u1	98
8) Phenol	7.040	94	100117	5.552	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.269	93	399372	26.965	ng/u1	99
12) 2-Chlorophenol	7.404	128	296977	20.449	ng/u1	98
13) 2-Methylphenol	8.287	108	201163	14.570	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.369	45	480372	25.562	ng/u1	99
16) Acetophenone	8.669	105	622690	28.075	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.651	70	299863	24.576	ng/u1	98
18) 4-Methylphenol	8.616	108	185655	12.315	ng/u1	100
19) Hexachloroethane	8.916	117	167992	28.217	ng/u1	86
22) Nitrobenzene	9.046	77	475017	31.087	ng/u1	99
23) Isophorone	9.569	82	880504	28.262	ng/u1	98
25) 2-Nitrophenol	9.751	139	219192	31.419	ng/u1#	92
26) 2,4-Dimethylphenol	9.816	107	209198	15.332	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.057	93	541161	27.514	ng/u1	100
29) 2,4-Dichlorophenol	10.287	162	366794	28.581	ng/u1	97
30) Naphthalene	10.687	128	1258644	29.383	ng/u1	100
32) 4-Chloroaniline	10.804	127	328173	19.775	ng/u1	99
33) Hexachlorobutadiene	10.969	225	326364	37.972	ng/u1	98
34) Caprolactam	11.587	113	15193	3.861	ng/u1	98
35) 4-Chloro-3-methylphenol	11.922	107	352341	24.508	ng/u1	98
36) 2-Methylnaphthalene	12.292	142	885793	29.189	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	876422	28.598	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	593119	35.538	ng/ul	99
40) Hexachlorocyclopentadiene	12.639	237	259178	26.200	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	364486	33.949	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	395892	34.012	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	1225905	30.814	ng/ul	99
44) 2-Chloronaphthalene	13.345	162	986028	31.380	ng/ul	98
45) 2-Nitroaniline	13.557	65	293980	34.512	ng/ul	99
47) Dimethylphthalate	13.934	163	1381650	34.188	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	288433	37.776	ng/ul	95
50) Acenaphthylene	14.192	152	1592353	31.328	ng/ul	100
51) 3-Nitroaniline	14.381	138	244217	32.041	ng/ul	98
52) Acenaphthene	14.533	153	1077941	32.075	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	160512	39.665	ng/ul	95
55) 4-Nitrophenol	14.686	109	45408	8.918	ng/ul	86
56) Dibenzofuran	14.869	168	1544308	33.062	ng/ul	97
57) 2,4-Dinitrotoluene	14.839	165	430312	40.065	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	384299	39.361	ng/ul	95
59) Diethylphthalate	15.298	149	1418869	35.878	ng/ul	99
61) Fluorene	15.522	166	1271371	34.399	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	709760	36.616	ng/ul	97
63) 4-Nitroaniline	15.545	138	277951	38.279	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.598	198	267464	38.903	ng/ul	98
67) N-Nitrosodiphenylamine	15.733	169	1094072	30.786	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	503362	37.177	ng/ul	96
69) Hexachlorobenzene	16.522	284	615774	40.735	ng/ul	95
70) Atrazine	16.686	200	240829	22.794	ng/ul	97
71) Pentachlorophenol	16.869	266	371838	41.359	ng/ul	98
72) Phenanthrene	17.263	178	2231508	34.452	ng/ul	100
74) Anthracene	17.351	178	2175612	33.509	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	602535	32.492	ng/uL	99
76) Pentachlorobenzene	14.786	250	651333	35.757	ng/uL	98
77) Carbazole	17.627	167	2018405	39.007	ng/ul	99
78) Di-n-butylphthalate	18.180	149	2546520	36.959	ng/ul	99
80) Fluoranthene	19.233	202	2925155	27.211	ng/ul#	91
82) Pyrene	19.586	202	2982711	27.504	ng/ul#	90
83) Butylbenzylphthalate	20.463	149	1226939	30.904	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.227	252	720946	25.393	ng/ul	98
85) Benzo(a)anthracene	21.292	228	3290481	34.699	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	1792719	32.853	ng/ul#	99
87) Chrysene	21.345	228	3073337	35.193	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	3181703	32.926	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	3474849	35.610	ng/ul#	97
91) Benzo(k)fluoranthene	23.004	252	3441175	36.447	ng/ul#	97
93) Benzo(a)pyrene	23.568	252	3196287	35.847	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.139	276	4131884	38.785	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.156	278	3443069	38.852	ng/ul#	95
96) Benzo(g,h,i)perylene	26.898	276	3319687	38.721	ng/ul#	93

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

