

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017166.D
 Acq On : 14 Sep 2023 00:55
 Operator : MA/JU
 Sample : 04268-04MSD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0GH2MSD

Quant Time: Sep 14 02:55:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	215126	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	935971	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.610	164	598381	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	1334476	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1257055	20.000	ng/u1	0.00
88) Perylene-d12	24.004	264	1217553	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	22833	4.460	ng/uL	0.00
4) Pyridine-d5	3.752	84	145002	9.902	ng/u1	0.00
7) Phenol-d5	7.105	99	104439	5.970	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	331221	30.295	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	313278	22.449	ng/u1	0.00
15) 4-Methylphenol-d8	8.664	113	203211	14.017	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	216788	33.078	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	228388	32.642	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	401224	29.651	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	528564	25.916	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	1592351	37.395	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	1660079	34.358	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	48615	5.907	ng/u1	0.00
60) Fluorene-d10	15.610	176	1329688	36.114	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	259842	34.851	ng/u1	0.00
73) Anthracene-d10	17.481	188	2175842	38.375	ng/u1	0.00
81) Pyrene-d10	19.722	212	2614783	39.662	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	2215895	38.560	ng/u1	-0.01
Target Compounds						
2) 1,4-Dioxane	3.346	88	23912	4.344	ng/uL#	95
5) Pyridine	3.770	79	173999	11.471	ng/u1	99
6) Benzaldehyde	7.111	77	325337	33.406	ng/u1	99
8) Phenol	7.128	94	116848	6.334	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.387	93	455653	30.966	ng/u1	99
12) 2-Chlorophenol	7.505	128	331342	23.392	ng/u1	99
13) 2-Methylphenol	8.393	108	240623	17.495	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.464	45	590202m	29.596	ng/u1	
16) Acetophenone	8.805	105	733657	32.332	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.769	70	378947	32.498	ng/u1	98
18) 4-Methylphenol	8.728	108	233282	15.331	ng/u1	99
19) Hexachloroethane	9.016	117	167615	28.773	ng/u1	95
22) Nitrobenzene	9.193	77	561918	32.923	ng/u1	98
23) Isophorone	9.711	82	1061816	33.198	ng/u1	99
25) 2-Nitrophenol	9.899	139	251395	32.327	ng/u1	99
26) 2,4-Dimethylphenol	9.934	107	378502	23.883	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.193	93	644577	32.154	ng/u1	100
29) 2,4-Dichlorophenol	10.416	162	410364	29.960	ng/u1	98
30) Naphthalene	10.828	128	1497997	31.628	ng/u1	99
32) 4-Chloroaniline	10.963	127	508556	25.552	ng/u1	98
33) Hexachlorobutadiene	11.057	225	289445	31.121	ng/u1	99
34) Caprolactam	11.793	113	20170	4.685	ng/u1	99
35) 4-Chloro-3-methylphenol	12.063	107	423363	28.567	ng/u1	99
36) 2-Methylnaphthalene	12.434	142	1041031	32.574	ng/u1	99

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37) 1-Methylnaphthalene	12.652	142	1020988	31.561	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	594350	33.349	ng/ul	100
40) Hexachlorocyclopentadiene	12.734	237	250708	22.578	ng/ul	98
41) 2,4,6-Trichlorophenol	13.040	196	396996	35.065	ng/ul	99
42) 2,4,5-Trichlorophenol	13.104	196	440991	36.637	ng/ul	100
43) 1,1'-Biphenyl	13.446	154	1465590	34.157	ng/ul	99
44) 2-Chloronaphthalene	13.493	162	1156399	33.937	ng/ul	99
45) 2-Nitroaniline	13.728	65	373202	40.435	ng/ul	99
47) Dimethylphthalate	14.075	163	1645988	38.078	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	332717	42.101	ng/ul	98
50) Acenaphthylene	14.340	152	1860544	33.332	ng/ul	99
51) 3-Nitroaniline	14.557	138	323415	38.255	ng/ul	100
52) Acenaphthene	14.675	153	1293597	35.022	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	160614	29.016	ng/ul	96
55) 4-Nitrophenol	14.846	109	42991	6.527	ng/ul	97
56) Dibenzofuran	15.010	168	1864445	36.526	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	487826	41.455	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.228	232	404708	38.327	ng/ul	98
59) Diethylphthalate	15.428	149	1655349	38.787	ng/ul	99
61) Fluorene	15.663	166	1569747	37.197	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	802816	37.417	ng/ul	98
63) 4-Nitroaniline	15.728	138	321593	40.917	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	274908	34.357	ng/ul	99
67) N-Nitrosodiphenylamine	15.881	169	1348925	38.876	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	516106	40.573	ng/ul	98
69) Hexachlorobenzene	16.640	284	592428	39.347	ng/ul	99
70) Atrazine	16.840	200	322864	25.705	ng/ul	99
71) Pentachlorophenol	17.004	266	327074	33.426	ng/ul	98
72) Phenanthrene	17.422	178	2606140	38.861	ng/ul	99
74) Anthracene	17.516	178	2629944	38.720	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.399	216	59909	3.247	ng/uL	98
76) Pentachlorobenzene	14.904	250	672734	40.182	ng/uL	99
77) Carbazole	17.804	167	2385224	39.993	ng/ul	100
78) Di-n-butylphthalate	18.310	149	2968772	43.682	ng/ul	99
80) Fluoranthene	19.392	202	3153895	40.930	ng/ul	99
82) Pyrene	19.751	202	3276709	40.245	ng/ul	99
83) Butylbenzylphthalate	20.610	149	1343828	46.277	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	900734	34.950	ng/ul	100
85) Benzo(a)anthracene	21.463	228	3169150	38.504	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	1944938	47.713	ng/ul	98
87) Chrysene	21.522	228	2978743	38.906	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	3276435	48.532	ng/ul	100
90) Benzo(b)fluoranthene	23.222	252	2938390	40.943	ng/ul	98
91) Benzo(k)fluoranthene	23.275	252	2908267	40.763	ng/ul	99
93) Benzo(a)pyrene	23.892	252	2478163	37.219	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.680	276	2814022	38.166	ng/ul	99
95) Dibenzo(a,h)anthracene	26.704	278	2367512	38.225	ng/ul	99
96) Benzo(g,h,i)perylene	27.515	276	2196592	38.528	ng/ul	99

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

