

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
 Data File : BP019974.D
 Acq On : 23 Mar 2024 03:47
 Operator : MA/JU
 Sample : PB159746BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS746

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 23 04:18:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 22 22:40:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	114060	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	458192	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	291722	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	610458	20.000	ng/u1	-0.01
79) Chrysene-d12	21.557	240	581381	20.000	ng/u1	0.00
88) Perylene-d12	24.862	264	675913	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	18841	7.238	ng/uL	0.00
4) Pyridine-d5	3.640	84	261977	33.328	ng/u1	0.00
7) Phenol-d5	6.805	99	358134	37.229	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	230332	36.751	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	253887	36.750	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	276534	37.156	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	132107	37.616	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	149134	37.954	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	267118	37.223	ng/u1	0.00
31) 4-Chloroaniline-d4	10.516	131	301470	32.225	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	757546	37.038	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	856824	35.861	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	129195	40.179	ng/u1	-0.01
60) Fluorene-d10	15.269	176	645547	37.051	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	137905	37.740	ng/u1	0.00
73) Anthracene-d10	17.175	188	998045	36.934	ng/u1	-0.01
81) Pyrene-d10	19.575	212	1206609	35.374	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.621	264	1275670	39.285	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	39560	13.317	ng/uL	95
5) Pyridine	3.658	79	269458	33.631	ng/u1	100
6) Benzaldehyde	6.793	77	163715	34.417	ng/u1	98
8) Phenol	6.834	94	373208	37.108	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	301976	37.075	ng/u1	98
12) 2-Chlorophenol	7.187	128	269806	37.058	ng/u1	97
13) 2-Methylphenol	8.057	108	272078	37.528	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	419770	37.480	ng/u1	100
16) Acetophenone	8.434	105	454973	37.899	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.416	70	249115	37.205	ng/u1	99
18) 4-Methylphenol	8.387	108	291028	37.295	ng/u1	96
19) Hexachloroethane	8.657	117	127027	37.564	ng/u1	96
22) Nitrobenzene	8.810	77	383658	38.353	ng/u1	99
23) Isophorone	9.328	82	692362	37.131	ng/u1	98
25) 2-Nitrophenol	9.499	139	156182	38.128	ng/u1	99
26) 2,4-Dimethylphenol	9.557	107	310635	34.739	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.799	93	405632	37.202	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	262384	37.376	ng/u1	98
30) Naphthalene	10.416	128	864342	36.771	ng/u1	100
32) 4-Chloroaniline	10.546	127	219437	23.901	ng/u1	100
33) Hexachlorobutadiene	10.687	225	202996	36.693	ng/u1	98
34) Caprolactam	11.351	113	86087m	39.450	ng/u1	
35) 4-Chloro-3-methylphenol	11.675	107	309662	39.708	ng/u1	98
36) 2-Methylnaphthalene	12.034	142	570935	36.480	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	567323	36.245	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.404	216	356438	36.956	ng/ul	99
40) Hexachlorocyclopentadiene	12.375	237	189730	34.763	ng/ul	100
41) 2,4,6-Trichlorophenol	12.663	196	211004	35.611	ng/ul	97
42) 2,4,5-Trichlorophenol	12.740	196	230128	37.551	ng/ul	99
43) 1,1'-Biphenyl	13.069	154	752305	35.610	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	612518	35.953	ng/ul	98
45) 2-Nitroaniline	13.340	65	213611	39.805	ng/ul	96
47) Dimethylphthalate	13.710	163	783630	37.958	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	164638	39.278	ng/ul	94
50) Acenaphthylene	13.975	152	977413	36.581	ng/ul	100
51) 3-Nitroaniline	14.175	138	139119	36.039	ng/ul	91
52) Acenaphthene	14.328	153	643250	36.240	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	91625	38.409	ng/ul	98
55) 4-Nitrophenol	14.504	109	121592	41.207	ng/ul	99
56) Dibenzofuran	14.669	168	884970	36.711	ng/ul	98
57) 2,4-Dinitrotoluene	14.669	165	232725	40.609	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.892	232	186491	35.485	ng/ul	96
59) Diethylphthalate	15.110	149	790787	38.626	ng/ul	99
61) Fluorene	15.328	166	720601	36.651	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	386661	36.716	ng/ul	98
63) 4-Nitroaniline	15.381	138	156075	47.341	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.445	198	147021	37.911	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	619366	36.732	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	245230	37.014	ng/ul	97
69) Hexachlorobenzene	16.357	284	269329	36.610	ng/ul	99
70) Atrazine	16.545	200	84999	13.157	ng/ul	99
71) Pentachlorophenol	16.716	266	145551	33.750	ng/ul	97
72) Phenanthrene	17.122	178	1181653	37.439	ng/ul	100
74) Anthracene	17.210	178	1194853	37.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	348191	34.983	ng/uL	99
76) Pentachlorobenzene	14.575	250	321556	34.885	ng/uL	100
77) Carbazole	17.510	167	1043604	38.082	ng/ul	100
78) Di-n-butylphthalate	18.110	149	1346875	39.363	ng/ul	99
80) Fluoranthene	19.222	202	1437132	35.869	ng/ul	99
82) Pyrene	19.604	202	1478478	35.505	ng/ul	100
83) Butylbenzylphthalate	20.580	149	623975	36.902	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.469	252	473020	38.259	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1541214	38.307	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	912837	36.946	ng/ul	99
87) Chrysene	21.604	228	1420946	37.988	ng/ul	99
89) Di-n-octyl phthalate	22.751	149	1632886	38.090	ng/ul	100
90) Benzo(b)fluoranthene	23.810	252	1547640	39.054	ng/ul	99
91) Benzo(k)fluoranthene	23.880	252	1562291	38.795	ng/ul	99
93) Benzo(a)pyrene	24.698	252	1490617	38.887	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.609	276	1852250m	38.365	ng/ul	
95) Dibenzo(a,h)anthracene	28.698	278	1526726	38.875	ng/ul	99
96) Benzo(g,h,i)perylene	29.745	276	1519075m	38.953	ng/ul	

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

