

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020180.D
 Acq On : 03 May 2024 17:48
 Operator : MA/JU
 Sample : PB160681BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS681

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 18:28:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	83980	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	367809	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.292	164	254921	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	506177	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	398402	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	455948	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	10972	5.518	ng/uL	0.00
4) Pyridine-d5	3.616	84	162002	28.038	ng/u1	0.00
7) Phenol-d5	6.804	99	213975	29.669	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	130100	29.696	ng/u1	0.00
11) 2-Chlorophenol-d4	7.157	132	160939	31.215	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	178460	30.606	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	84154	30.554	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	96478	30.588	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	180386	31.341	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	264473	32.831	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	583576	31.348	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	649248	31.572	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	83327	29.124	ng/u1	0.00
60) Fluorene-d10	15.316	176	485860	31.291	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	100368	31.247	ng/u1	0.00
73) Anthracene-d10	17.233	188	719538	32.859	ng/u1	0.00
81) Pyrene-d10	19.633	212	753175	32.341	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	719897	32.655	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	25067	11.109	ng/uL	96
5) Pyridine	3.634	79	160474	27.460	ng/u1	96
6) Benzaldehyde	6.793	77	136315	37.603	ng/u1	99
8) Phenol	6.834	94	222414	29.879	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.069	93	163886	28.136	ng/u1	96
12) 2-Chlorophenol	7.193	128	162593	30.205	ng/u1	97
13) 2-Methylphenol	8.069	108	165150	29.743	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	207190	28.514	ng/u1	98
16) Acetophenone	8.451	105	286264	29.581	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	161600	30.772	ng/u1	99
18) 4-Methylphenol	8.399	108	183604	30.423	ng/u1	98
19) Hexachloroethane	8.675	117	68984	28.023	ng/u1	93
22) Nitrobenzene	8.822	77	229529	29.030	ng/u1	96
23) Isophorone	9.351	82	446199	29.348	ng/u1	99
25) 2-Nitrophenol	9.528	139	101399	31.037	ng/u1	97
26) 2,4-Dimethylphenol	9.587	107	209956	29.456	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.828	93	240168	28.494	ng/u1	99
29) 2,4-Dichlorophenol	10.051	162	177010	31.617	ng/u1	99
30) Naphthalene	10.445	128	540978	28.535	ng/u1	100
32) 4-Chloroaniline	10.575	127	223748	28.404	ng/u1	97
33) Hexachlorobutadiene	10.704	225	122078	28.074	ng/u1	98
34) Caprolactam	11.392	113	59679m	30.529	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	222264	31.886	ng/u1	96
36) 2-Methylnaphthalene	12.069	142	393778	29.852	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	408097	30.744	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	247607	31.144	ng/ul	99
40) Hexachlorocyclopentadiene	12.398	237	108417	25.074	ng/ul	94
41) 2,4,6-Trichlorophenol	12.698	196	161391	32.370	ng/ul	98
42) 2,4,5-Trichlorophenol	12.787	196	176808	32.956	ng/ul	96
43) 1,1'-Biphenyl	13.110	154	543592	30.149	ng/ul	100
44) 2-Chloronaphthalene	13.151	162	421452	29.457	ng/ul	99
45) 2-Nitroaniline	13.381	65	154034	32.457	ng/ul	97
47) Dimethylphthalate	13.757	163	573699	30.510	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	116299	31.112	ng/ul	96
50) Acenaphthylene	14.010	152	694239	30.015	ng/ul	99
51) 3-Nitroaniline	14.233	138	108870	31.226	ng/ul	92
52) Acenaphthene	14.357	153	457842	29.455	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	71141	31.005	ng/ul	94
55) 4-Nitrophenol	14.557	109	89731	30.123	ng/ul	93
56) Dibenzofuran	14.704	168	662858	31.007	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	168916	31.430	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	155377	32.252	ng/ul	98
59) Diethylphthalate	15.163	149	566734	30.193	ng/ul	100
61) Fluorene	15.375	166	543654	30.606	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.375	204	292427	31.032	ng/ul	96
63) 4-Nitroaniline	15.433	138	93776	32.275	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.486	198	106229	31.716	ng/ul	99
67) N-Nitrosodiphenylamine	15.604	169	464776	32.978	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	180765	32.969	ng/ul	93
69) Hexachlorobenzene	16.398	284	207660	32.701	ng/ul	97
70) Atrazine	16.598	200	167442	33.505	ng/ul	100
71) Pentachlorophenol	16.769	266	122856	32.007	ng/ul	96
72) Phenanthrene	17.175	178	809393	31.341	ng/ul	99
74) Anthracene	17.269	178	820470	31.235	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	243468	32.363	ng/uL	98
76) Pentachlorobenzene	14.616	250	253506	33.674	ng/uL	98
77) Carbazole	17.569	167	696312	30.771	ng/ul	99
78) Di-n-butylphthalate	18.163	149	834004	30.407	ng/ul	99
80) Fluoranthene	19.280	202	880187	32.115	ng/ul	100
82) Pyrene	19.663	202	924939	32.435	ng/ul	100
83) Butylbenzylphthalate	20.639	149	329981	30.483	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.545	252	277067	34.171	ng/ul	98
85) Benzo(a)anthracene	21.604	228	844493	31.252	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.557	149	476436	30.509	ng/ul	99
87) Chrysene	21.674	228	798935	31.900	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	808714	27.696	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	863958	31.854	ng/ul	98
91) Benzo(k)fluoranthene	23.992	252	853526	30.880	ng/ul	98
93) Benzo(a)pyrene	24.821	252	744211	28.837	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.774	276	1099794m	34.764	ng/ul	
95) Dibenzo(a,h)anthracene	28.880	278	889086	33.977	ng/ul	99
96) Benzo(g,h,i)perylene	29.956	276	864054	33.864	ng/ul	98

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

