

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021057.D
 Acq On : 18 Jul 2024 22:39
 Operator : MA/JU
 Sample : PB162066BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS066

Quant Time: Jul 18 23:24:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	165811	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.451	136	655725	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	420775	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.127	188	937054	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	987036	20.000	ng/u1	-0.01
88) Perylene-d12	24.886	264	1255113m	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	24601	6.752	ng/uL	0.00
4) Pyridine-d5	3.646	84	272526	25.835	ng/u1	-0.01
7) Phenol-d5	6.893	99	389882	28.842	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	216799	26.464	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.234	132	309334	27.773	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	306601	27.308	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	154712	30.377	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.539	143	174607	29.953	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	313617	29.753	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.598	131	359028	25.711	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	898255	29.366	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1031158	30.022	ng/u1	0.00
54) 4-Nitrophenol-d4	14.580	143	135645	31.168	ng/u1	-0.02
60) Fluorene-d10	15.322	176	784669	31.269	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	169324	29.865	ng/u1	0.00
73) Anthracene-d10	17.233	188	1244365	29.899	ng/u1	0.00
81) Pyrene-d10	19.610	212	1609507	26.376	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.650	264	1868823	30.190	ng/u1	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	38827	9.689	ng/uL	99
5) Pyridine	3.663	79	292298	26.864	ng/u1	97
6) Benzaldehyde	6.857	77	200836	29.469	ng/u1	99
8) Phenol	6.922	94	404955	29.604	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.128	93	300479	26.591	ng/u1	99
12) 2-Chlorophenol	7.263	128	321888	28.836	ng/u1	98
13) 2-Methylphenol	8.145	108	297617	28.133	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.198	45	416581	25.517	ng/u1	97
16) Acetophenone	8.504	105	477341	27.547	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.475	70	231598	25.508	ng/u1	99
18) 4-Methylphenol	8.469	108	323661	28.558	ng/u1	97
19) Hexachloroethane	8.734	117	132846	26.483	ng/u1	98
22) Nitrobenzene	8.881	77	357041	29.265	ng/u1	99
23) Isophorone	9.398	82	659635	27.196	ng/u1	100
25) 2-Nitrophenol	9.569	139	184145	30.289	ng/u1	98
26) 2,4-Dimethylphenol	9.645	107	292559	24.403	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.863	93	390054	26.457	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	309288	29.773	ng/u1	98
30) Naphthalene	10.498	128	991049	28.733	ng/u1	99
32) 4-Chloroaniline	10.622	127	345868	25.938	ng/u1	100
33) Hexachlorobutadiene	10.751	225	210268	26.995	ng/u1	99
34) Caprolactam	11.428	113	109806m	34.313	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	341715	30.262	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	663380	28.019	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021057.D
 Acq On : 18 Jul 2024 22:39
 Operator : MA/JU
 Sample : PB162066BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS066

Quant Time: Jul 18 23:24:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	685861	28.166	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.475	216	399121	29.207	ng/ul	97
40) Hexachlorocyclopentadiene	12.439	237	107084	14.980	ng/ul	98
41) 2,4,6-Trichlorophenol	12.739	196	240032	27.799	ng/ul	98
42) 2,4,5-Trichlorophenol	12.828	196	270516	29.610	ng/ul	100
43) 1,1'-Biphenyl	13.133	154	888623	28.897	ng/ul	99
44) 2-Chloronaphthalene	13.180	162	709223	28.890	ng/ul	99
45) 2-Nitroaniline	13.404	65	228668	33.683	ng/ul	98
47) Dimethylphthalate	13.757	163	898053	28.935	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	193213	31.138	ng/ul	98
50) Acenaphthylene	14.027	152	1153475	29.662	ng/ul	99
51) 3-Nitroaniline	14.245	138	203549	37.697	ng/ul	94
52) Acenaphthene	14.369	153	746091	28.906	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	99540	30.546	ng/ul	96
55) 4-Nitrophenol	14.598	109	106237	30.009	ng/ul	96
56) Dibenzofuran	14.716	168	1043266	29.517	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	286013	33.578	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.957	232	198212	25.336	ng/ul	96
59) Diethylphthalate	15.151	149	893316	28.800	ng/ul	99
61) Fluorene	15.380	166	871554	30.218	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.374	204	449140	28.698	ng/ul	97
63) 4-Nitroaniline	15.433	138	212635	47.552	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.492	198	179622	29.875	ng/ul	98
67) N-Nitrosodiphenylamine	15.598	169	753287	27.606	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	293244	26.699	ng/ul	99
69) Hexachlorobenzene	16.398	284	353113	28.039	ng/ul	98
70) Atrazine	16.586	200	51763	5.205	ng/ul	98
71) Pentachlorophenol	16.774	266	140783	20.583	ng/ul	97
72) Phenanthrene	17.174	178	1456642	29.966	ng/ul	100
74) Anthracene	17.268	178	1448009	29.219	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	390030	26.005	ng/uL	99
76) Pentachlorobenzene	14.633	250	384000	25.766	ng/uL	99
77) Carbazole	17.557	167	1365372	33.704	ng/ul	100
78) Di-n-butylphthalate	18.127	149	1559458	27.902	ng/ul	99
80) Fluoranthene	19.262	202	1840080	24.969	ng/ul	100
82) Pyrene	19.639	202	1982276	26.434	ng/ul	100
83) Butylbenzylphthalate	20.580	149	804522	25.749	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.474	252	681707	30.225	ng/ul	100
85) Benzo(a)anthracene	21.545	228	2036337	29.451	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	1072156	23.845	ng/ul	99
87) Chrysene	21.609	228	1940246	30.199	ng/ul	100
89) Di-n-octyl phthalate	22.703	149	2022252	24.390	ng/ul	100
90) Benzo(b)fluoranthene	23.827	252	2220297	29.151	ng/ul	99
91) Benzo(k)fluoranthene	23.903	252	2184211	28.735	ng/ul	99
93) Benzo(a)pyrene	24.733	252	1929439	26.807	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.650	276	2770793	29.875	ng/ul	99
95) Dibenzo(a,h)anthracene	28.703	278	2259468m	29.419	ng/ul	
96) Benzo(g,h,i)perylene	29.821	276	2212383	29.290	ng/ul	98

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

