

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
 Data File : BP020253.D
 Acq On : 09 May 2024 01:56
 Operator : MA/JU
 Sample : P2369-19MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43P4MS

Quant Time: May 09 02:43:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/09/2024
 Supervised By :mohammad ahmed 05/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	87654	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	379031	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.292	164	270610	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	599864	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	591459	20.000	ng/u1	0.00
88) Perylene-d12	24.992	264	584341	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	11680	5.628	ng/uL	0.00
4) Pyridine-d5	3.611	84	194748	32.293	ng/u1	0.00
7) Phenol-d5	6.805	99	291404	38.711	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	168270	36.798	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	220126	40.906	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	237043	38.949	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	116840	41.166	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	134504	41.382	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	250785	42.282	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	311117	37.478	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	801161	40.541	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	884272	40.507	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	127636	42.024	ng/u1	0.00
60) Fluorene-d10	15.322	176	677616	41.110	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	119510	31.396	ng/u1	0.00
73) Anthracene-d10	17.245	188	1095358	42.210	ng/u1	0.00
81) Pyrene-d10	19.639	212	1361671	39.385	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.768	264	1156455	40.931	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	32795	13.925	ng/uL	95
5) Pyridine	3.628	79	230185	37.737	ng/u1	95
6) Benzaldehyde	6.787	77	188679	49.866	ng/u1	99
8) Phenol	6.828	94	332480	42.793	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.063	93	242748	39.928	ng/u1	99
12) 2-Chlorophenol	7.187	128	244670	43.547	ng/u1	98
13) 2-Methylphenol	8.063	108	248704	42.914	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	287247	37.875	ng/u1	97
16) Acetophenone	8.446	105	416385	41.223	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.428	70	225091	41.065	ng/u1	95
18) 4-Methylphenol	8.393	108	280300	44.498	ng/u1	99
19) Hexachloroethane	8.669	117	101744	39.599	ng/u1	95
22) Nitrobenzene	8.822	77	326875	40.118	ng/u1	98
23) Isophorone	9.340	82	622400	39.726	ng/u1	99
25) 2-Nitrophenol	9.522	139	152764	45.375	ng/u1	87
26) 2,4-Dimethylphenol	9.581	107	319305	43.472	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	340312	39.180	ng/u1	100
29) 2,4-Dichlorophenol	10.052	162	264676	45.877	ng/u1	99
30) Naphthalene	10.446	128	816469	41.791	ng/u1	100
32) 4-Chloroaniline	10.569	127	322897	39.777	ng/u1	99
33) Hexachlorobutadiene	10.704	225	182197	40.659	ng/u1	98
34) Caprolactam	11.393	113	94764m	47.042	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	327448	45.585	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	586429	43.141	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	594818	43.484	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.440	216	361871	42.878	ng/ul	99
40) Hexachlorocyclopentadiene	12.404	237	110146	23.997	ng/ul	96
41) 2,4,6-Trichlorophenol	12.698	196	240109	45.367	ng/ul	97
42) 2,4,5-Trichlorophenol	12.781	196	267905	47.041	ng/ul	95
43) 1,1'-Biphenyl	13.104	154	795262	41.550	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	630777	41.532	ng/ul	99
45) 2-Nitroaniline	13.387	65	222065	44.080	ng/ul	98
47) Dimethylphthalate	13.763	163	830780	41.620	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	177316	44.685	ng/ul	99
50) Acenaphthylene	14.010	152	1013842	41.291	ng/ul	98
51) 3-Nitroaniline	14.234	138	177250	47.892	ng/ul	99
52) Acenaphthene	14.363	153	684971	41.512	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	77083	31.647	ng/ul#	89
55) 4-Nitrophenol	14.569	109	144061	45.558	ng/ul	93
56) Dibenzofuran	14.716	168	979949	43.182	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	267406	46.871	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.945	232	239061	46.745	ng/ul	96
59) Diethylphthalate	15.163	149	834185	41.865	ng/ul	100
61) Fluorene	15.381	166	813742	43.156	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.381	204	434274	43.412	ng/ul	95
63) 4-Nitroaniline	15.439	138	174462	56.564	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.492	198	138592	34.916	ng/ul	91
67) N-Nitrosodiphenylamine	15.604	169	699831	41.900	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	278769	42.903	ng/ul	98
69) Hexachlorobenzene	16.404	284	317564	42.197	ng/ul	98
70) Atrazine	16.616	200	281520	47.534	ng/ul	98
71) Pentachlorophenol	16.775	266	217468	47.808	ng/ul	97
72) Phenanthrene	17.181	178	1319988	43.129	ng/ul	99
74) Anthracene	17.281	178	1331514	42.774	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	350348	39.297	ng/ul	97
76) Pentachlorobenzene	14.616	250	369504	41.416	ng/ul	97
77) Carbazole	17.575	167	1199187	44.718	ng/ul	100
78) Di-n-butylphthalate	18.169	149	1475318	45.387	ng/ul	99
80) Fluoranthene	19.292	202	1678001	41.240	ng/ul	100
82) Pyrene	19.669	202	1749821	41.333	ng/ul	100
83) Butylbenzylphthalate	20.645	149	713035	44.369	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.545	252	437933	36.381	ng/ul	96
85) Benzo(a)anthracene	21.610	228	1718406	42.835	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.563	149	1010005	43.565	ng/ul	99
87) Chrysene	21.680	228	1610256	43.308	ng/ul	100
89) Di-n-octyl phthalate	22.857	149	1772942	47.376	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	1530267	44.024	ng/ul	98
91) Benzo(k)fluoranthene	24.010	252	1512906	42.709	ng/ul	99
93) Benzo(a)pyrene	24.839	252	1272282	38.467	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.821	276	1649906m	40.693	ng/ul	
95) Dibenzo(a,h)anthracene	28.903	278	1342707	40.038	ng/ul	96
96) Benzo(g,h,i)perylene	29.998	276	1280482m	39.158	ng/ul	

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

