

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
 Data File : BP021177.D
 Acq On : 26 Jul 2024 19:31
 Operator : MA/JU
 Sample : PB162227BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS227

Quant Time: Jul 26 23:21:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 07/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	208897	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	833022	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.275	164	547112	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.104	188	1174860	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1130227	20.000	ng/u1	0.00
88) Perylene-d12	24.874	264	1339801	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	24873	5.418	ng/uL	0.00
4) Pyridine-d5	3.593	84	312279	23.497	ng/u1	0.00
7) Phenol-d5	6.864	99	415995	24.426	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	248014	24.030	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	336651	23.992	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	338294	23.916	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	166876	25.792	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	197788	26.708	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	350118	26.146	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.563	131	421030	23.734	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	1066896	26.825	ng/u1	-0.01
49) Acenaphthylene-d8	13.969	160	1172242	26.249	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.581	143	207370	36.646	ng/u1	-0.02
60) Fluorene-d10	15.298	176	874103	26.789	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	190755	26.835	ng/u1	0.00
73) Anthracene-d10	17.204	188	1382175	26.488	ng/u1	0.00
81) Pyrene-d10	19.592	212	1663955	23.813	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.645	264	1769939	26.785	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	46856	9.281	ng/uL	99
5) Pyridine	3.617	79	318335	23.223	ng/u1	97
6) Benzaldehyde	6.816	77	205248	23.905	ng/u1	96
8) Phenol	6.887	94	432238	25.081	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.087	93	340724	23.933	ng/u1	99
12) 2-Chlorophenol	7.228	128	351927	25.024	ng/u1	99
13) 2-Methylphenol	8.105	108	328831	24.672	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.152	45	495242m	24.078	ng/u1	
16) Acetophenone	8.463	105	534779	24.496	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.440	70	269416	23.553	ng/u1	99
18) 4-Methylphenol	8.434	108	350242	24.529	ng/u1	95
19) Hexachloroethane	8.687	117	150521	23.817	ng/u1	97
22) Nitrobenzene	8.840	77	395782	25.536	ng/u1	99
23) Isophorone	9.358	82	769136	24.962	ng/u1	99
25) 2-Nitrophenol	9.546	139	207302	26.840	ng/u1	99
26) 2,4-Dimethylphenol	9.616	107	335165	22.007	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.828	93	464022	24.775	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	343776	26.049	ng/u1	99
30) Naphthalene	10.463	128	1116003	25.469	ng/u1	99
32) 4-Chloroaniline	10.587	127	385413	22.752	ng/u1	98
33) Hexachlorobutadiene	10.722	225	247590	25.021	ng/u1	99
34) Caprolactam	11.416	113	117471m	28.895	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	386086	26.914	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	765072	25.436	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	762050	24.634	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.446	216	464263	26.129	ng/ul	96
40) Hexachlorocyclopentadiene	12.404	237	112450	12.098	ng/ul	99
41) 2,4,6-Trichlorophenol	12.710	196	261823	23.320	ng/ul	98
42) 2,4,5-Trichlorophenol	12.799	196	296036	24.921	ng/ul	97
43) 1,1'-Biphenyl	13.098	154	1021323	25.543	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	815941	25.562	ng/ul	99
45) 2-Nitroaniline	13.381	65	252236	28.575	ng/ul	98
47) Dimethylphthalate	13.740	163	1061817	26.312	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	225655	27.968	ng/ul	98
50) Acenaphthylene	14.004	152	1302641	25.762	ng/ul	99
51) 3-Nitroaniline	14.228	138	221952	31.613	ng/ul	94
52) Acenaphthene	14.345	153	869875	25.920	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	114785	27.091	ng/ul	96
55) 4-Nitrophenol	14.593	109	146623	31.853	ng/ul	93
56) Dibenzofuran	14.693	168	1219733	26.541	ng/ul	98
57) 2,4-Dinitrotoluene	14.693	165	328271	29.639	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.940	232	217124	21.345	ng/ul	98
59) Diethylphthalate	15.128	149	1067274	26.463	ng/ul	99
61) Fluorene	15.357	166	993525	26.492	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.345	204	523866	25.743	ng/ul	98
63) 4-Nitroaniline	15.416	138	222825m	38.324	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.487	198	203280	26.966	ng/ul	99
67) N-Nitrosodiphenylamine	15.581	169	865605	25.301	ng/ul	100
68) 4-Bromophenyl-phenylether	16.269	248	344050	24.984	ng/ul	99
69) Hexachlorobenzene	16.381	284	405709	25.695	ng/ul	98
70) Atrazine	16.569	200	49836	3.997	ng/ul	98
71) Pentachlorophenol	16.763	266	143978m	16.789	ng/ul	
72) Phenanthrene	17.145	178	1625002	26.663	ng/ul	99
74) Anthracene	17.239	178	1605561	25.841	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	458020	24.357	ng/uL	100
76) Pentachlorobenzene	14.604	250	455511	24.378	ng/uL	100
77) Carbazole	17.539	167	1445514	28.460	ng/ul	100
78) Di-n-butylphthalate	18.110	149	1873843	26.740	ng/ul	99
80) Fluoranthene	19.245	202	1960462	23.232	ng/ul	98
82) Pyrene	19.628	202	2034747	23.696	ng/ul	100
83) Butylbenzylphthalate	20.563	149	863592	24.138	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.469	252	722202	27.964	ng/ul	100
85) Benzo(a)anthracene	21.539	228	2050780	25.903	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	1246203	24.204	ng/ul	99
87) Chrysene	21.604	228	1954309	26.564	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	2210819	24.979	ng/ul	100
90) Benzo(b)fluoranthene	23.827	252	2133201	26.237	ng/ul	100
91) Benzo(k)fluoranthene	23.898	252	2141655	26.394	ng/ul	99
93) Benzo(a)pyrene	24.716	252	1963845	25.560	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.674	276	2649651m	26.763	ng/ul	
95) Dibenzo(a,h)anthracene	28.721	278	2183015	26.627	ng/ul	99
96) Benzo(g,h,i)perylene	29.833	276	2122095m	26.318	ng/ul	

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

