

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021456.D
 Acq On : 08 Aug 2024 20:10
 Operator : RC/JU
 Sample : PB162536BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS536

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Aug 09 02:48:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 18:23:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	170089	20.000	ng/u1	0.01
20) Naphthalene-d8	10.369	136	707632	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.246	164	469380	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	1022683	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	993903	20.000	ng/u1	0.00
88) Perylene-d12	24.786	264	1133750	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	23853	6.382	ng/uL	0.00
4) Pyridine-d5	3.570	84	237088	21.910	ng/u1	-0.01
7) Phenol-d5	6.828	99	379268	27.351	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	227903	27.119	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	305977	26.781	ng/u1	0.00
15) 4-Methylphenol-d8	8.352	113	302488	26.264	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	148795	27.072	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	172643	27.444	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	308844	27.151	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	388148	25.757	ng/u1	0.02
46) Dimethylphthalate-d6	13.669	166	982511	28.795	ng/u1	0.01
49) Acenaphthylene-d8	13.940	160	1088953	28.422	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	170278	35.074	ng/u1	0.00
60) Fluorene-d10	15.269	176	838103	29.940	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	168146	27.174	ng/u1	0.02
73) Anthracene-d10	17.175	188	1288410	28.365	ng/u1	0.00
81) Pyrene-d10	19.563	212	1614641	26.277	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.557	264	1673201	29.923	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	40603	9.877	ng/uL	93
5) Pyridine	3.587	79	239328	21.443	ng/u1	96
6) Benzaldehyde	6.787	77	196640	28.128	ng/u1	95
8) Phenol	6.852	94	394209	28.094	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.052	93	307215	26.503	ng/u1	96
12) 2-Chlorophenol	7.187	128	319373	27.891	ng/u1	96
13) 2-Methylphenol	8.081	108	299060	27.558	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	458769m	27.394	ng/u1	
16) Acetophenone	8.446	105	494461	27.817	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.416	70	249462	26.784	ng/u1	99
18) 4-Methylphenol	8.416	108	323937	27.863	ng/u1	95
19) Hexachloroethane	8.646	117	135557	26.344	ng/u1	97
22) Nitrobenzene	8.816	77	377895	28.702	ng/u1	98
23) Isophorone	9.328	82	720810	27.538	ng/u1	98
25) 2-Nitrophenol	9.522	139	187977	28.651	ng/u1	99
26) 2,4-Dimethylphenol	9.587	107	297672	23.008	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.805	93	427662	26.880	ng/u1	98
29) 2,4-Dichlorophenol	10.075	162	303232	27.049	ng/u1	97
30) Naphthalene	10.422	128	1031651	27.716	ng/u1	100
32) 4-Chloroaniline	10.581	127	358995	24.948	ng/u1	98
33) Hexachlorobutadiene	10.675	225	218156	25.953	ng/u1	99
34) Caprolactam	11.416	113	108675m	31.468	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	362530	29.750	ng/u1	100
36) 2-Methylnaphthalene	12.046	142	711551	27.849	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	709122	26.985	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	415058	27.228	ng/ul	98
40) Hexachlorocyclopentadiene	12.363	237	68957	8.647	ng/ul	94
41) 2,4,6-Trichlorophenol	12.693	196	232846	24.174	ng/ul	97
42) 2,4,5-Trichlorophenol	12.793	196	269095	26.405	ng/ul	98
43) 1,1'-Biphenyl	13.057	154	958257	27.935	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	752110	27.465	ng/ul	99
45) 2-Nitroaniline	13.369	65	241672	31.912	ng/ul	98
47) Dimethylphthalate	13.710	163	987000	28.508	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	205030	29.621	ng/ul	97
50) Acenaphthylene	13.969	152	1201053	27.687	ng/ul	99
51) 3-Nitroaniline	14.216	138	200473	33.282	ng/ul	98
52) Acenaphthene	14.316	153	799649	27.773	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	103086	28.359	ng/ul	97
55) 4-Nitrophenol	14.593	109	105942	26.827	ng/ul	94
56) Dibenzofuran	14.669	168	1153624	29.259	ng/ul	98
57) 2,4-Dinitrotoluene	14.693	165	305958	32.200	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	204373	23.419	ng/ul	99
59) Diethylphthalate	15.098	149	1013554	29.293	ng/ul	100
61) Fluorene	15.328	166	935894	29.088	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	485647	27.817	ng/ul	97
63) 4-Nitroaniline	15.428	138	199002	39.895	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.481	198	180734	27.543	ng/ul	94
67) N-Nitrosodiphenylamine	15.551	169	812978	27.299	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	319796	26.679	ng/ul	98
69) Hexachlorobenzene	16.351	284	374544	27.251	ng/ul	97
70) Atrazine	16.557	200	33241	3.063	ng/ul	93
71) Pentachlorophenol	16.739	266	142431	19.080	ng/ul	98
72) Phenanthrene	17.116	178	1537717	28.985	ng/ul	99
74) Anthracene	17.210	178	1517087	28.050	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.028	216	414229	25.306	ng/uL	99
76) Pentachlorobenzene	14.581	250	412585	25.366	ng/uL	100
77) Carbazole	17.522	167	1404697	31.771	ng/ul	100
78) Di-n-butylphthalate	18.069	149	1740599	28.535	ng/ul	100
80) Fluoranthene	19.210	202	1880404	25.340	ng/ul	99
82) Pyrene	19.592	202	1991609	26.375	ng/ul	100
83) Butylbenzylphthalate	20.522	149	817669	25.989	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.422	252	634983	27.959	ng/ul	100
85) Benzo(a)anthracene	21.498	228	1979854	28.437	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1135366	25.076	ng/ul	99
87) Chrysene	21.557	228	1901642	29.394	ng/ul	99
89) Di-n-octyl phthalate	22.622	149	2010118	26.839	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	2040765	29.662	ng/ul	98
91) Benzo(k)fluoranthene	23.804	252	2001581	29.151	ng/ul	99
93) Benzo(a)pyrene	24.639	252	1835756	28.235	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.521	276	2439242	29.115	ng/ul	98
95) Dibenzo(a,h)anthracene	28.580	278	2002527	28.865	ng/ul	99
96) Benzo(g,h,i)perylene	29.698	276	1877642	27.519	ng/ul	98

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

