

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021334.D
 Acq On : 03 Aug 2024 00:45
 Operator : CG/JU
 Sample : PB162171BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS171

Quant Time: Aug 03 01:37:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	206295	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.375	136	813691	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.263	164	505885	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	1056315	20.000	ng/u1	-0.02
79) Chrysene-d12	21.527	240	1132348	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1404234	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	22988	5.071	ng/uL	-0.02
4) Pyridine-d5	3.575	84	307696	23.444	ng/u1	-0.02
7) Phenol-d5	6.840	99	413302	24.574	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	240796	23.625	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	348169	25.126	ng/u1	-0.01
15) 4-Methylphenol-d8	8.352	113	324496	23.230	ng/u1	-0.01
21) Nitrobenzene-d5	8.775	128	164991	26.106	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.487	143	188991	26.127	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.040	165	331026	25.308	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.546	131	414853	23.941	ng/u1	-0.01
46) Dimethylphthalate-d6	13.669	166	903202	24.560	ng/u1	-0.01
49) Acenaphthylene-d8	13.951	160	1060232	25.676	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.587	143	179076	34.225	ng/u1	0.00
60) Fluorene-d10	15.281	176	779263	25.829	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	147208	23.033	ng/u1	-0.01
73) Anthracene-d10	17.186	188	1221963	26.046	ng/u1	0.00
81) Pyrene-d10	19.575	212	1598290	22.831	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1844251	26.629	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	46220	9.270	ng/uL	100
5) Pyridine	3.599	79	303424	22.414	ng/u1	98
6) Benzaldehyde	6.793	77	242138	28.557	ng/u1	100
8) Phenol	6.869	94	417451	24.529	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.058	93	315662	22.453	ng/u1	99
12) 2-Chlorophenol	7.205	128	341360	24.579	ng/u1	99
13) 2-Methylphenol	8.081	108	306856	23.314	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	457775	22.538	ng/u1	95
16) Acetophenone	8.440	105	490982	22.774	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.416	70	239793	21.228	ng/u1	98
18) 4-Methylphenol	8.416	108	328317	23.284	ng/u1	96
19) Hexachloroethane	8.663	117	144208	23.106	ng/u1	99
22) Nitrobenzene	8.816	77	376484	24.868	ng/u1	99
23) Isophorone	9.334	82	679618	22.580	ng/u1	100
25) 2-Nitrophenol	9.516	139	191301	25.357	ng/u1	100
26) 2,4-Dimethylphenol	9.587	107	261078	17.549	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.810	93	412064	22.524	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	319359	24.774	ng/u1	99
30) Naphthalene	10.428	128	1039161	24.279	ng/u1	99
32) 4-Chloroaniline	10.569	127	366123	22.127	ng/u1	99
33) Hexachlorobutadiene	10.681	225	224458	23.222	ng/u1	99
34) Caprolactam	11.393	113	101687	25.607	ng/u1	94
35) 4-Chloro-3-methylphenol	11.728	107	349673	24.955	ng/u1	98
36) 2-Methylnaphthalene	12.057	142	701307	23.870	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	699347	23.144	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.428	216	411250	25.032	ng/ul	97
40) Hexachlorocyclopentadiene	12.381	237	41239	4.798	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	242568	23.366	ng/ul	99
42) 2,4,5-Trichlorophenol	12.793	196	261035	23.766	ng/ul	99
43) 1,1'-Biphenyl	13.081	154	905648	24.496	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	730223	24.741	ng/ul	99
45) 2-Nitroaniline	13.369	65	227281	27.846	ng/ul	99
47) Dimethylphthalate	13.716	163	883198	23.669	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	186114	24.948	ng/ul	99
50) Acenaphthylene	13.981	152	1135453	24.286	ng/ul	99
51) 3-Nitroaniline	14.222	138	189549	29.198	ng/ul	99
52) Acenaphthene	14.328	153	762997	24.588	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	79979	20.414	ng/ul	96
55) 4-Nitrophenol	14.598	109	135345	31.799	ng/ul	95
56) Dibenzofuran	14.675	168	1055893	24.848	ng/ul	100
57) 2,4-Dinitrotoluene	14.687	165	274935	26.847	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.922	232	207378	22.048	ng/ul	96
59) Diethylphthalate	15.104	149	867866	23.272	ng/ul	99
61) Fluorene	15.334	166	853373	24.610	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	443843	23.588	ng/ul	99
63) 4-Nitroaniline	15.410	138	200642	37.321	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.463	198	152377	22.482	ng/ul	96
67) N-Nitrosodiphenylamine	15.551	169	734067	23.864	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	285693	23.075	ng/ul	98
69) Hexachlorobenzene	16.363	284	336968	23.736	ng/ul	97
70) Atrazine	16.545	200	119488	10.659	ng/ul	97
71) Pentachlorophenol	16.745	266	157262	20.396	ng/ul	98
72) Phenanthrene	17.128	178	1408320	25.700	ng/ul	100
74) Anthracene	17.222	178	1376927	24.648	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	400116	23.666	ng/ul	98
76) Pentachlorobenzene	14.587	250	391915	23.328	ng/ul	100
77) Carbazole	17.528	167	1344500	29.441	ng/ul	100
78) Di-n-butylphthalate	18.081	149	1499314	23.797	ng/ul	100
80) Fluoranthene	19.222	202	1786578	21.132	ng/ul	100
82) Pyrene	19.598	202	1898273	22.065	ng/ul	98
83) Butylbenzylphthalate	20.539	149	784746	21.893	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	689189	26.636	ng/ul	99
85) Benzo(a)anthracene	21.510	228	1974227	24.889	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	1062276	20.593	ng/ul	98
87) Chrysene	21.574	228	1904751	25.842	ng/ul	99
89) Di-n-octyl phthalate	22.651	149	2001726	21.579	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	2127646	24.968	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	2105369	24.756	ng/ul	99
93) Benzo(a)pyrene	24.663	252	1847732	22.945	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.580	276	2585840	24.920	ng/ul	99
95) Dibenzo(a,h)anthracene	28.633	278	2118635	24.656	ng/ul	99
96) Benzo(g,h,i)perylene	29.750	276	2033320	24.060	ng/ul	97

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

