Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018861.D
Acq On : 15 Dec 2023 01:29
Operator : MA/JU
Sample : PB157722BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS722

Quant Time: Dec 15 02:41:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	247418	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	887121	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	505101	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1086018	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1241104	20.000	ng/ul	0.00
88) Perylene-d12	23.657	264	1390637	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	40097	5.523	ng/uL	0.00
4) Pyridine-d5	3.676	84	508805	26.163	ng/ul	0.00
7) Phenol-d5	7.005	99	627365	25.267	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	364614	24.777	ng/ul	0.00
11) 2-Chlorophenol-d4	7.364	132	513587	26.509	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	466237	23.203	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	225819	28.600	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	239860	29.301	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	488571	29.188	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	553465	25.301	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	1267901	28.125	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1464696	29.506	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	227188	30.702	ng/ul	0.00
60) Fluorene-d10	15.451	176	1108190	29.286	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	190334	29.229	ng/ul	0.00
73) Anthracene-d10	17.310	188	1704346	29.852	ng/ul	0.00
81) Pyrene-d10	19.545	212	2226809	23.049	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	2414240	29.775	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	83800	10.525	ng/uL	95
5) Pyridine	3.693	79	535885	27.286	ng/ul	99
6) Benzaldehyde	6.975	77	300397	23.433	ng/ul	95
8) Phenol	7.034	94	639999	26.284	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.264	93	519887	25.998	ng/ul	98
12) 2-Chlorophenol	7.393	128	523701	26.708	ng/ul	98
13) 2-Methylphenol	8.281	108	463646	24.872	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.358	45	590911	23.289	ng/ul	97
16) Acetophenone	8.658	105	732687	24.467	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.646	70	338429	20.543	ng/ul	97
18) 4-Methylphenol	8.611	108	488738	24.010	ng/ul	98
19) Hexachloroethane	8.905	117	224272	27.899	ng/ul	87
22) Nitrobenzene	9.034	77	542345	28.252	ng/ul	97
23) Isophorone	9.563	82	965064	24.656	ng/ul	98
25) 2-Nitrophenol	9.746	139	263676	30.084	ng/ul	97
26) 2,4-Dimethylphenol	9.810	107	394660	23.023	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.046	93	629566	25.478	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	478805	29.697	ng/ul	98
30) Naphthalene	10.675	128	1554259	28.881	ng/ul	100
32) 4-Chloroaniline	10.793	127	461365	22.128	ng/ul	99
33) Hexachlorobutadiene	10.957	225	380824	35.269	ng/ul	100
34) Caprolactam	11.569	113	132667	26.835	ng/ul	92
35) 4-Chloro-3-methylphenol	11.916	107	448934	24.856	ng/ul	98
36) 2-Methylnaphthalene	12.287	142	1035594	27.163	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	1016796	26.409	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.651	216	644841	35.188	ng/ul	98
40) Hexachlorocyclopentadiene	12.634	237	299925	27.612	ng/ul	99
41) 2,4,6-Trichlorophenol	12.899	196	368823	31.286	ng/ul	100
42) 2,4,5-Trichlorophenol	12.969	196	403507	31.572	ng/ul	98
43) 1,1'-Biphenyl	13.299	154	1341435	30.708	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	1081014	31.332	ng/ul	97
45) 2-Nitroaniline	13.546	65	253466	27.099	ng/ul	98
47) Dimethylphthalate	13.928	163	1284637	28.949	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	251457	29.993	ng/ul	92
50) Acenaphthylene	14.181	152	1694769	30.366	ng/ul	100
51) 3-Nitroaniline	14.375	138	241515	28.858	ng/ul	97
52) Acenaphthene	14.528	153	1113759	30.182	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	119077	26.799	ng/ul	95
55) 4-Nitrophenol	14.681	109	178409	31.912	ng/ul	93
56) Dibenzofuran	14.857	168	1552335	30.267	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	364869	30.939	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.087	232	326219	30.429	ng/ul	92
59) Diethylphthalate	15.293	149	1232440	28.382	ng/ul	99
61) Fluorene	15.510	166	1253477	30.887	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	677755	31.843	ng/ul	96
63) 4-Nitroaniline	15.534	138	263354	33.031	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.593	198	213512	30.668	ng/ul	92
67) N-Nitrosodiphenylamine	15.722	169	1056250	29.351	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	428156	31.228	ng/ul	94
69) Hexachlorobenzene	16.510	284	501672	32.773	ng/ul	96
70) Atrazine	16.681	200	231880	21.673	ng/ul	98
71) Pentachlorophenol	16.857	266	281438	30.914	ng/ul	99
72) Phenanthrene	17.251	178	2033652	31.005	ng/ul	100
74) Anthracene	17.339	178	2013055	30.619	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	628439	33.466	ng/uL	98
76) Pentachlorobenzene	14.775	250	601050	32.585	ng/uL	99
77) Carbazole	17.616	167	1848579	35.279	ng/ul	99
78) Di-n-butylphthalate	18.175	149	2097891	30.068	ng/ul	99
80) Fluoranthene	19.222	202	2627695	23.010	ng/ul	95
82) Pyrene	19.575	202	2768863	24.034	ng/ul	94
83) Butylbenzylphthalate	20.451	149	1041364	24.691	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.222	252	1008107	33.425	ng/ul	100
85) Benzo(a)anthracene	21.280	228	3097845	30.751	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.210	149	1552361	26.780	ng/ul	100
87) Chrysene	21.333	228	2873747	30.977	ng/ul	99
89) Di-n-octyl phthalate	22.122	149	2821287	27.787	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	3309163	32.274	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	3033571	30.578	ng/ul	98
93) Benzo(a)pyrene	23.551	252	2872872	30.664	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.110	276	4027367	35.979	ng/ul	96
95) Dibenzo(a,h)anthracene	26.127	278	3350776	35.985	ng/ul	97
96) Benzo(g,h,i)perylene	26.863	276	3269962	36.299	ng/ul	96

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

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