Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014744.D
Acq On : 19 Apr 2023 23:24
Operator : CG/JU
Sample : PB152205BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS205

Quant Time: Apr 20 02:37:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 20 02:32:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	212436	20.000	ng/ul	0.00
20) Naphthalene-d8	10.981	136	839626	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	492877	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.533	188	1051631	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1082071	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1209996	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	32214	6.027	ng/uL	0.00
4) Pyridine-d5	3.917	84	426835	29.331	ng/ul	0.00
7) Phenol-d5	7.287	99	527399	28.714	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	313862	27.699	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	428786	31.434	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	415188	28.996	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	191617	36.420	ng/ul	0.00
24) 2-Nitrophenol-d4	10.051	143	196341	41.318	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	405867	31.456	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	540921	27.467	ng/ul	0.00
46) Dimethylphthalate-d6	14.181	166	1148963	29.441	ng/ul	0.00
49) Acenaphthylene-d8	14.475	160	1369638	30.283	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	210782	33.956	ng/ul	0.00
60) Fluorene-d10	15.769	176	991566	29.610	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	147441	34.645	ng/ul	0.00
73) Anthracene-d10	17.633	188	1527770	30.072	ng/ul	0.00
81) Pyrene-d10	19.845	212	1847065	29.798	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	1983030	31.621	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	65218	11.298	ng/uL	98
5) Pyridine	3.934	79	399155	27.338	ng/ul	94
6) Benzaldehyde	7.275	77	296515	32.638	ng/ul	94
8) Phenol	7.316	94	541258	28.232	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.563	93	426743	27.452	ng/ul	97
12) 2-Chlorophenol	7.710	128	426166	29.876	ng/ul	97
13) 2-Methylphenol	8.587	108	402621	28.060	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.681	45	512850	25.840	ng/ul	98
16) Acetophenone	8.981	105	652956	27.414	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.963	70	305879	26.403	ng/ul#	97
18) 4-Methylphenol	8.916	108	436489	27.995	ng/ul	97
19) Hexachloroethane	9.252	117	173515	28.877	ng/ul	93
22) Nitrobenzene	9.363	77	448750	31.390	ng/ul	98
23) Isophorone	9.893	82	875503	27.123	ng/ul	97
25) 2-Nitrophenol	10.081	139	214483	38.001	ng/ul	97
26) 2,4-Dimethylphenol	10.134	107	445381	28.301	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.375	93	553266	27.664	ng/ul	99
29) 2,4-Dichlorophenol	10.616	162	398483	30.598	ng/ul	96
30) Naphthalene	11.034	128	1350409	28.698	ng/ul	99
32) 4-Chloroaniline	11.134	127	531300	26.631	ng/ul	100
33) Hexachlorobutadiene	11.316	225	265848	28.860	ng/ul	99
34) Caprolactam	11.887	113	119882	30.401	ng/ul	90
35) 4-Chloro-3-methylphenol	12.234	107	400561	29.431	ng/ul	97
36) 2-Methylnaphthalene	12.622	142	879430	27.995	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	892203	28.648	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.987	216	487843	29.413	ng/ul	97
40) Hexachlorocyclopentadiene	12.969	237	272720	29.059	ng/ul	100
41) 2,4,6-Trichlorophenol	13.216	196	301955	32.141	ng/ul	97
42) 2,4,5-Trichlorophenol	13.287	196	333180	32.783	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	1168458	29.236	ng/ul	100
44) 2-Chloronaphthalene	13.663	162	931290	29.821	ng/ul	99
45) 2-Nitroaniline	13.857	65	218466	36.955	ng/ul	97
47) Dimethylphthalate	14.228	163	1124143	28.596	ng/ul	100
48) 2,6-Dinitrotoluene	14.351	165	198026	36.932	ng/ul	88
50) Acenaphthylene	14.504	152	1432871	29.232	ng/ul	99
51) 3-Nitroaniline	14.675	138	213704	35.041	ng/ul#	96
52) Acenaphthene	14.845	153	976992	29.233	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	86883	33.489	ng/ul	99
55) 4-Nitrophenol	14.963	109	158990	31.223	ng/ul	93
56) Dibenzofuran	15.181	168	1358210	28.875	ng/ul	96
57) 2,4-Dinitrotoluene	15.134	165	295028	37.501	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.398	232	275101	31.876	ng/ul	97
59) Diethylphthalate	15.592	149	1095011	28.708	ng/ul	99
61) Fluorene	15.828	166	1114643	29.030	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.816	204	559848	28.514	ng/ul	98
63) 4-Nitroaniline	15.839	138	239992	39.372	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.892	198	151853	33.517	ng/ul	91
67) N-Nitrosodiphenylamine	16.028	169	936661	29.890	ng/ul	99
68) 4-Bromophenyl-phenylether	16.716	248	346590	29.407	ng/ul	99
69) Hexachlorobenzene	16.833	284	395961	28.955	ng/ul	98
70) Atrazine	16.975	200	260470	23.403	ng/ul	99
71) Pentachlorophenol	17.175	266	225830	30.337	ng/ul	98
72) Phenanthrene	17.575	178	1747981	29.492	ng/ul	99
74) Anthracene	17.663	178	1763910	29.356	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.587	216	486669	29.636	ng/uL	99
76) Pentachlorobenzene	15.098	250	479546	29.607	ng/uL	99
77) Carbazole	17.928	167	1622730	30.763	ng/ul	100
78) Di-n-butylphthalate	18.463	149	1851575	30.919	ng/ul	100
80) Fluoranthene	19.522	202	2093886	29.034	ng/ul	100
82) Pyrene	19.874	202	2207585	28.927	ng/ul	99
83) Butylbenzylphthalate	20.727	149	732678	35.167	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.510	252	735913	30.377	ng/ul	99
85) Benzo(a)anthracene	21.586	228	2237015	29.741	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.492	149	1172398	33.359	ng/ul	99
87) Chrysene	21.645	228	2151458	30.215	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	1975087	30.169	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	2347517	29.783	ng/ul	99
91) Benzo(k)fluoranthene	23.439	252	2372402	30.095	ng/ul	99
93) Benzo(a)pyrene	24.062	252	2122754	30.324	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.898	276	2826437	31.022	ng/ul	97
95) Dibenzo(a,h)anthracene	26.915	278	2357579	30.899	ng/ul	98
96) Benzo(g,h,i)perylene	27.733	276	2270050	31.152	ng/ul	98

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

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