Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014165.D
Acq On : 21 Mar 2023 05:51
Operator : CG/JU
Sample : PB151522BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS522

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

Quant Time: Mar 21 06:18:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 21 04:47:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	175469	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	750148	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	524937	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1196933	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.527	240	1105461	20.000	ng/ul	# 0.00
88) Perylene-d12	24.045	264	942688	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	22809	4.911	ng/uL	0.00
4) Pyridine-d5	3.846	84	298704	23.230	ng/ul	0.00
7) Phenol-d5	7.210	99	467872	30.215	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	284059	31.455	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	344932	29.238	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	380207	30.059	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	178161	29.766	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	209190	29.197	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	384628	28.531	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	381569	21.388	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1254527	28.160	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1367705	28.981	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	224502	28.596	ng/ul	0.00
60) Fluorene-d10	15.681	176	1052993	27.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	252052	27.862	ng/ul	0.00
73) Anthracene-d10	17.545	188	1723499	29.662	ng/ul	0.00
81) Pyrene-d10	19.769	212	2082093	34.150	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	1538984	30.691	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	45574	9.090	ng/uL	93
5) Pyridine	3.864	79	308976	23.694	ng/ul	95
6) Benzaldehyde	7.187	77	249038	32.323	ng/ul	97
8) Phenol	7.234	94	466529	29.215	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.463	93	367778	30.062	ng/ul	98
12) 2-Chlorophenol	7.610	128	343073	28.863	ng/ul	94
13) 2-Methylphenol	8.499	108	348666	29.363	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.575	45	458035	34.668	ng/ul	98
16) Acetophenone	8.881	105	595506	29.144	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.863	70	318895	30.507	ng/ul	96
18) 4-Methylphenol	8.828	108	387495	29.669	ng/ul	100
19) Hexachloroethane	9.134	117	152215	29.239	ng/ul	92
22) Nitrobenzene	9.263	77	477709	29.836	ng/ul	99
23) Isophorone	9.793	82	906898	29.413	ng/ul	98
25) 2-Nitrophenol	9.981	139	212738	28.809	ng/ul	95
26) 2,4-Dimethylphenol	10.034	107	438697	27.142	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.275	93	520756	29.199	ng/ul	100
29) 2,4-Dichlorophenol	10.516	162	363295	27.319	ng/ul	96
30) Naphthalene	10.922	128	1167397	28.340	ng/ul	100
32) 4-Chloroaniline	11.034	127	375839	20.935	ng/ul	99
33) Hexachlorobutadiene	11.198	225	270622	25.573	ng/ul	98
34) Caprolactam	11.828	113	128861m	29.843	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	456829	29.708	ng/ul	97
36) 2-Methylnaphthalene	12.522	142	811555	28.089	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.740	142	838924	28.888	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	506335	26.674	ng/ul	98
40) Hexachlorocyclopentadiene	12.863	237	282429	20.777	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	325186	27.270	ng/ul	99
42) 2,4,5-Trichlorophenol	13.204	196	360890	27.577	ng/ul	99
43) 1,1'-Biphenyl	13.522	154	1138616	28.173	ng/ul	99
44) 2-Chloronaphthalene	13.569	162	902283	28.110	ng/ul	98
45) 2-Nitroaniline	13.781	65	306398	32.275	ng/ul	96
47) Dimethylphthalate	14.140	163	1229211	27.875	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	257802	29.571	ng/ul	99
50) Acenaphthylene	14.416	152	1425575	28.784	ng/ul	99
51) 3-Nitroaniline	14.604	138	240626	31.173	ng/ul	96
52) Acenaphthene	14.751	153	978875	28.272	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	166340	25.549	ng/ul	97
55) 4-Nitrophenol	14.910	109	207757	24.499	ng/ul	87
56) Dibenzofuran	15.087	168	1385269	27.502	ng/ul	98
57) 2,4-Dinitrotoluene	15.057	165	381237	29.268	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.316	232	323529	25.841	ng/ul	99
59) Diethylphthalate	15.498	149	1274517	28.496	ng/ul	99
61) Fluorene	15.739	166	1157052	27.712	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.728	204	617813	26.809	ng/ul	99
63) 4-Nitroaniline	15.769	138	265108	33.412	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.822	198	241796	28.016	ng/ul	97
67) N-Nitrosodiphenylamine	15.945	169	991408	29.327	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	404839	27.978	ng/ul	98
69) Hexachlorobenzene	16.745	284	468436	27.472	ng/ul	97
70) Atrazine	16.892	200	144838	9.934	ng/ul	98
71) Pentachlorophenol	17.092	266	266516	23.912	ng/ul	97
72) Phenanthrene	17.486	178	1903497	29.157	ng/ul	100
74) Anthracene	17.581	178	1939490	29.300	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.493	216	516894	28.139	ng/uL	99
76) Pentachlorobenzene	15.004	250	526582	27.596	ng/uL	99
77) Carbazole	17.851	167	1747908	29.937	ng/ul	100
78) Di-n-butylphthalate	18.380	149	2317577	31.761	ng/ul	99
80) Fluoranthene	19.445	202	2387299	34.353	ng/ul#	95
82) Pyrene	19.798	202	2464033	33.989	ng/ul	95
83) Butylbenzylphthalate	20.651	149	1092323	37.369	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.433	252	716246	25.310	ng/ul	99
85) Benzo(a)anthracene	21.510	228	2311458	29.728	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1611643	36.878	ng/ul	99
87) Chrysene	21.563	228	2149921	29.013	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	2670677	44.898	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	2020075	32.159	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	1868700	31.198	ng/ul	98
93) Benzo(a)pyrene	23.933	252	1618871	29.630	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.698	276	1927301	26.647	ng/ul	97
95) Dibenzo(a,h)anthracene	26.709	278	1612097	26.817	ng/ul	98
96) Benzo(g,h,i)perylene	27.509	276	1546270	26.747	ng/ul	98

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

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