Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122920\
Data File : BP004462.D
Acq On : 29 Dec 2020 14:22
Operator : CG/JU
Sample : PB133822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SLCS822

Quant Time: Dec 29 14:48:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 29 12:42:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	209468	20.00	ng/ul	0.01
20) Naphthalene-d8	10.63	136	845502	20.00	ng/ul	0.01
38) Acenaphthene-d10	14.48	164	506267	20.00	ng/ul	0.01
64) Phenanthrene-d10	17.24	188	1111285	20.00	ng/ul	0.01
79) Chrysene-d12	21.34	240	1159925	20.00	ng/ul	0.01
88) Perylene-d12	23.70	264	1190518	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	27330	5.01	ng/uL	0.00
4) Pyridine-d5	3.72	84	390036	25.18	ng/ul	0.00
7) Phenol-d5	7.00	99	575136	30.71	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	7.16	67	314940	29.09	ng/ul	0.01
11) 2-Chlorophenol-d4	7.36	132	466763	32.03	ng/ul	0.00
15) 4-Methylphenol-d8	8.54	113	457345	31.00	ng/ul	0.01
21) Nitrobenzene-d5	8.99	128	236537	34.31	ng/ul	0.00
24) 2-Nitrophenol-d4	9.71	143	258077	41.00	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.25	165	487736	35.21	ng/ul	0.01
31) 4-Chloroaniline-d4	10.76	131	562024	27.65	ng/ul	0.01
46) Dimethylphthalate-d6	13.89	166	1421317	35.35	ng/ul	0.01
49) Acenaphthylene-d8	14.17	160	1682982	34.06	ng/ul	0.00
54) 4-Nitrophenol-d4	14.69	143	249931	37.98	ng/ul	0.01
60) Fluorene-d10	15.48	176	1223454	34.79	ng/ul	0.01
65) 4,6-Dinitro-2-methylphenol	15.61	200	223050	49.40	ng/ul	0.01
73) Anthracene-d10	17.34	188	1916018	35.08	ng/ul	0.01
81) Pyrene-d10	19.58	212	2222061	36.41	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.55	264	2418398	37.81	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	55262	9.354	ng/uL#	75
5) Pyridine	3.74	79	373019	23.818	ng/ul	96
6) Benzaldehyde	6.97	77	348349	41.861	ng/ul	99
8) Phenol	7.03	94	560500	29.254	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.26	93	447691	29.119	ng/ul	96
12) 2-Chlorophenol	7.39	128	444063	30.141	ng/ul	95
13) 2-Methylphenol	8.28	108	427059	29.289	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.36	45	480485	26.232	ng/ul	99
16) Acetophenone	8.65	105	661524	28.941	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.63	70	320410	26.690	ng/ul	95
18) 4-Methylphenol	8.60	108	455467	29.307	ng/ul	99
19) Hexachloroethane	8.91	117	186400	29.544	ng/ul	90
22) Nitrobenzene	9.03	77	518242	30.846	ng/ul	100
23) Isophorone	9.55	82	983389	28.970	ng/ul	99
25) 2-Nitrophenol	9.74	139	259027	38.411	ng/ul	93
26) 2,4-Dimethylphenol	9.80	107	482622	29.509	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.04	93	599039	29.660	ng/ul	99
29) 2,4-Dichlorophenol	10.28	162	448477	33.519	ng/ul	97
30) Naphthalene	10.68	128	1464037	30.967	ng/ul	99
32) 4-Chloroaniline	10.79	127	505093	26.023	ng/ul	99
33) Hexachlorobutadiene	10.96	225	314399	32.742	ng/ul	99
34) Caprolactam	11.55	113	156320	31.664	ng/ul	83

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	464006	31.237	ng/ul	95
36) 2-Methylnaphthalene	12.29	142	1025014	30.780	ng/ul	100
37) 1-Methylnaphthalene	12.51	142	993135	31.022	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	597767	35.160	ng/ul	99
40) Hexachlorocyclopentadiene	12.64	237	233550	21.976	ng/ul	100
41) 2,4,6-Trichlorophenol	12.91	196	378807	38.695	ng/ul	98
42) 2,4,5-Trichlorophenol	12.98	196	408728	38.768	ng/ul	97
43) 1,1'-Biphenyl	13.31	154	1356754	33.512	ng/ul	98
44) 2-Chloronaphthalene	13.35	162	1084124	33.771	ng/ul	98
45) 2-Nitroaniline	13.56	65	280128	35.538	ng/ul	90
47) Dimethylphthalate	13.93	163	1359644	33.309	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	293430	39.609	ng/ul	93
50) Acenaphthylene	14.20	152	1616135	33.011	ng/ul	100
51) 3-Nitroaniline	14.39	138	267365	38.670	ng/ul#	95
52) Acenaphthene	14.55	153	1127698	32.649	ng/ul	100
53) 2,4-Dinitrophenol	14.60	184	107712	37.716	ng/ul	97
55) 4-Nitrophenol	14.70	109	167459	33.830	ng/ul	96
56) Dibenzofuran	14.88	168	1616822	33.770	ng/ul	100
57) 2,4-Dinitrotoluene	14.85	165	421256	41.628	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.11	232	352360	40.973	ng/ul	100
59) Diethylphthalate	15.30	149	1341252	32.552	ng/ul	100
61) Fluorene	15.53	166	1312827	33.047	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.53	204	696963	33.629	ng/ul	100
63) 4-Nitroaniline	15.56	138	304082	46.519	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.63	198	226972	45.044	ng/ul#	89
67) N-Nitrosodiphenylamine	15.75	169	1111502	32.501	ng/ul	99
68) 4-Bromophenyl-phenylether	16.43	248	460951	34.656	ng/ul	96
69) Hexachlorobenzene	16.55	284	524659	35.371	ng/ul	99
70) Atrazine	16.70	200	443072	33.166	ng/ul	99
71) Pentachlorophenol	16.90	266	255747	36.097	ng/ul	98
72) Phenanthrene	17.29	178	2163831	33.849	ng/ul	99
74) Anthracene	17.37	178	2185521	33.559	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.27	216	616593	36.550	ng/uL	99
76) Pentachlorobenzene	14.80	250	606704	35.581	ng/uL	99
77) Carbazole	17.65	167	1887372	34.123	ng/ul	100
78) Di-n-butylphthalate	18.20	149	2274034	31.542	ng/ul	100
80) Fluoranthene	19.26	202	2647393	34.261	ng/ul	100
82) Pyrene	19.61	202	2699043	34.386	ng/ul	100
83) Butylbenzylphthalate	20.48	149	1031525	32.347	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.25	252	781123	29.682	ng/ul	99
85) Benzo(a)anthracene	21.32	228	2685656	34.419	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.25	149	1526603	31.729	ng/ul	100
87) Chrysene	21.37	228	2567289	34.354	ng/ul	99
89) Di-n-octyl phthalate	22.16	149	2643940	37.167	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	2800316	36.529	ng/ul	99
91) Benzo(k)fluoranthene	23.03	252	2663711	35.872	ng/ul	98
93) Benzo(a)pyrene	23.60	252	2523171	35.838	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.14	276	3209808	35.596	ng/ul	100
95) Dibenzo(a,h)anthracene	26.15	278	2680696	35.617	ng/ul	98
96) Benzo(g,h,i)perylene	26.89	276	2686833	35.507	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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