Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004270.D
Acq On : 14 Dec 2020 12:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02088

Quant Time: Dec 14 15:37:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 14 15:30:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	293069	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1245696	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	805874	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1755537	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	1742173	20.00	ng/ul	0.00
86) Perylene-d12	23.71	264	1999826	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	55290	6.63	ng/uL	0.00
5) Phenol-d5	7.00	99	458822	18.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	248219	16.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	374225	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	376961	20.58	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	186831	18.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	205259	24.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	395793	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	428813	18.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1125097	18.27	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	1417828	18.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	207996	19.99	ng/ul	0.00
58) Fluorene-d10	15.49	176	1007910	18.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.62	200	142831	16.96	ng/ul	0.00
71) Anthracene-d10	17.35	188	1563894	18.28	ng/ul	0.00
79) Pyrene-d10	19.59	212	1677881	18.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	1910921	18.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	63868	7.367	ng/uL	96
4) Benzaldehyde	6.98	77	205896	16.170	ng/ul	98
6) Phenol	7.03	94	463256	18.301	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.26	93	359388	17.223	ng/ul	97
10) 2-Chlorophenol	7.41	128	371456	19.257	ng/ul	96
11) 2-Methylphenol	8.28	108	360195	19.727	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	401827	16.109	ng/ul	97
14) Acetophenone	8.66	105	560764	19.361	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	272014	19.386	ng/ul	99
16) 4-Methylphenol	8.61	108	389346	19.924	ng/ul	98
17) Hexachloroethane	8.92	117	152713	17.238	ng/ul	91
20) Nitrobenzene	9.04	77	422915	16.788	ng/ul	97
21) Isophorone	9.57	82	812939	19.116	ng/ul	99
23) 2-Nitrophenol	9.75	139	215171	22.363	ng/ul	100
24) 2,4-Dimethylphenol	9.82	107	418220	19.261	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	495775	17.117	ng/ul	98
27) 2,4-Dichlorophenol	10.29	162	379207	20.199	ng/ul	99
28) Naphthalene	10.69	128	1224486	17.339	ng/ul	99
30) 4-Chloroaniline	10.80	127	409757	18.377	ng/ul	99
31) Hexachlorobutadiene	10.98	225	269553	18.586	ng/ul	99
32) Caprolactam	11.55	113	125342	23.252	ng/ul	83
33) 4-Chloro-3-methylphenol	11.93	107	392578	22.240	ng/ul	98
34) 2-Methylnaphthalene	12.30	142	866180	18.231	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.53	142	1018541	18.462	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	503782	17.164	ng/ul	99
38) Hexachlorocyclopentadiene	12.66	237	310758	18.452	ng/ul	97
39) 2,4,6-Trichlorophenol	12.92	196	319689	22.568	ng/ul	98
40) 2,4,5-Trichlorophenol	12.99	196	338005	21.341	ng/ul	100
41) 1,1'-Biphenyl	13.32	154	1143277	16.917	ng/ul	99
42) 2-Chloronaphthalene	13.36	162	916662	17.012	ng/ul	100
43) 2-Nitroaniline	13.56	65	236067	20.080	ng/ul	96
45) Dimethylphthalate	13.95	163	1128588	17.990	ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	233014	19.946	ng/ul	94
48) Acenaphthylene	14.21	152	1386428	17.771	ng/ul	100
49) 3-Nitroaniline	14.39	138	216425	20.928	ng/ul	93
50) Acenaphthene	14.56	153	958107	17.345	ng/ul	98
51) 2,4-Dinitrophenol	14.60	184	79409	15.718	ng/ul	97
53) 4-Nitrophenol	14.70	109	151298	19.706	ng/ul	96
54) Dibenzofuran	14.89	168	1364844	17.536	ng/ul	99
55) 2,4-Dinitrotoluene	14.86	165	338191	20.399	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.12	232	304679	23.583	ng/ul	94
57) Diethylphthalate	15.32	149	1109775	18.848	ng/ul	99
59) Fluorene	15.55	166	1118972	17.976	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.54	204	590732	17.899	ng/ul	98
61) 4-Nitroaniline	15.56	138	249645	22.703	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.63	198	153555	16.795	ng/ul	98
65) N-Nitrosodiphenylamine	15.75	169	937943	17.962	ng/ul	99
66) 4-Bromophenyl-phenylether	16.44	248	385261	18.870	ng/ul	97
67) Hexachlorobenzene	16.56	284	447815	18.296	ng/ul	97
68) Atrazine	16.71	200	370749	20.461	ng/ul	100
69) Pentachlorophenol	16.90	266	242937	21.577	ng/ul	99
70) Phenanthrene	17.29	178	1794859	17.330	ng/ul	100
72) Anthracene	17.39	178	1833149	17.890	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	504384	17.126	ng/uL	99
74) Pentachlorobenzene	14.82	250	508611	17.861	ng/uL	99
75) Carbazole	17.66	167	1590618	19.076	ng/ul	100
76) Di-n-butylphthalate	18.22	149	1914855	21.554	ng/ul	100
77) Fluoranthene	19.27	202	2092705	18.923	ng/ul	95
80) Pyrene	19.62	202	2121716	18.054	ng/ul	95
81) Butylbenzylphthalate	20.49	149	812353	25.045	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.26	252	505955	16.777	ng/ul	100
83) Benzo(a)anthracene	21.33	228	2083049	18.139	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1175328	22.376	ng/ul#	97
85) Chrysene	21.38	228	2000541	17.758	ng/ul	99
87) Di-n-octyl phthalate	22.17	149	2067873	21.857	ng/ul	100
88) Benzo(b)fluoranthene	22.99	252	2177491	17.170	ng/ul	98
89) Benzo(k)fluoranthene	23.04	252	2206257	16.939	ng/ul	99
91) Benzo(a)pyrene	23.61	252	2063133	17.433	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.15	276	2645469	17.825	ng/ul	97
93) Dibenzo(a,h)anthracene	26.16	278	2223859	17.878	ng/ul	98
94) Benzo(g,h,i)perylene	26.90	276	2214222	17.783	ng/ul	94

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

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