Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121020\
Data File : BP004214.D
Acq On : 10 Dec 2020 10:25
Operator : CG/JU
Sample : SSTD01076
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD01076

Quant Time: Dec 10 12:23:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 11:56:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	356829	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1404474	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	807583	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1706331	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1859082	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	1917190	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	42548	4.40	ng/uL	0.00
5) Phenol-d5	6.99	99	282254	8.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	192000	9.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	215613	8.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	205725	8.23	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	111561	9.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	80510	8.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	193343	8.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	252904	9.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	624774	9.60	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	795932	9.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	81745	7.55	ng/ul	0.00
58) Fluorene-d10	15.47	176	568469	9.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	58206	7.06	ng/ul	0.00
71) Anthracene-d10	17.33	188	846990	9.67	ng/ul	0.00
79) Pyrene-d10	19.57	212	963560	9.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	994817	9.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	44318	4.233	ng/uL	98
4) Benzaldehyde	6.97	77	185102	7.888	ng/ul	98
6) Phenol	7.02	94	305412	8.742	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.26	93	261952	9.203	ng/ul	99
10) 2-Chlorophenol	7.39	128	233729	9.045	ng/ul	99
11) 2-Methylphenol	8.26	108	206351	8.043	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.36	45	322093	9.386	ng/ul	98
14) Acetophenone	8.65	105	373783	9.138	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.63	70	169992	8.396	ng/ul	96
16) 4-Methylphenol	8.59	108	230911	8.334	ng/ul	100
17) Hexachloroethane	8.91	117	110504	9.657	ng/ul	99
20) Nitrobenzene	9.02	77	286449	9.325	ng/ul	97
21) Isophorone	9.55	82	461485	8.441	ng/ul	98
23) 2-Nitrophenol	9.73	139	98383	8.508	ng/ul	98
24) 2,4-Dimethylphenol	9.79	107	240788	9.029	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	330616	9.251	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	205864	8.949	ng/ul	99
28) Naphthalene	10.67	128	820295	9.602	ng/ul	99
30) 4-Chloroaniline	10.78	127	254548	9.276	ng/ul	98
31) Hexachlorobutadiene	10.97	225	166815	9.742	ng/ul	100
32) Caprolactam	11.53	113	44130	6.448	ng/ul	96
33) 4-Chloro-3-methylphenol	11.90	107	185035	8.237	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	549224	9.352	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.51	142	636583	11.473	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	303128	9.876	ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	155588	9.164	ng/ul	96
39) 2,4,6-Trichlorophenol	12.90	196	126892	8.258	ng/ul	98
40) 2,4,5-Trichlorophenol	12.96	196	144595	8.451	ng/ul	94
41) 1,1'-Biphenyl	13.30	154	701808	9.711	ng/ul	99
42) 2-Chloronaphthalene	13.35	162	560212	9.746	ng/ul	99
43) 2-Nitroaniline	13.55	65	105653	8.118	ng/ul	97
45) Dimethylphthalate	13.93	163	639533	9.396	ng/ul	100
46) 2,6-Dinitrotoluene	14.05	165	106163	8.299	ng/ul	98
48) Acenaphthylene	14.19	152	815749	9.677	ng/ul	100
49) 3-Nitroaniline	14.37	138	85031	6.904	ng/ul	96
50) Acenaphthene	14.54	153	573083	9.631	ng/ul	99
51) 2,4-Dinitrophenol	14.57	184	31173	6.076	ng/ul	94
53) 4-Nitrophenol	14.67	109	64582	7.835	ng/ul	98
54) Dibenzofuran	14.87	168	811298	9.674	ng/ul	100
55) 2,4-Dinitrotoluene	14.83	165	152895	8.424	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.10	232	115379	8.286	ng/ul#	98
57) Diethylphthalate	15.30	149	583882	9.132	ng/ul	100
59) Fluorene	15.53	166	650957	9.681	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	342853	9.639	ng/ul	99
61) 4-Nitroaniline	15.53	138	100010	7.143	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.60	198	65120	7.040	ng/ul	99
65) N-Nitrosodiphenylamine	15.74	169	519671	9.333	ng/ul	100
66) 4-Bromophenyl-phenylether	16.42	248	200901	9.350	ng/ul	97
67) Hexachlorobenzene	16.53	284	243567	9.643	ng/ul	98
68) Atrazine	16.69	200	152125	7.883	ng/ul	99
69) Pentachlorophenol	16.88	266	77657	6.593	ng/ul	97
70) Phenanthrene	17.27	178	1064347	9.845	ng/ul	100
72) Anthracene	17.37	178	1049242	9.692	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	295572	9.709	ng/uL	99
74) Pentachlorobenzene	14.79	250	286525	9.675	ng/uL	98
75) Carbazole	17.63	167	833295	9.360	ng/ul	99
76) Di-n-butylphthalate	18.20	149	799602	8.393	ng/ul	99
77) Fluoranthene	19.24	202	1172776	10.063	ng/ul	100
80) Pyrene	19.60	202	1297954	9.452	ng/ul	100
81) Butylbenzylphthalate	20.48	149	268415	7.257	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.24	252	226057	6.118	ng/ul	99
83) Benzo(a)anthracene	21.31	228	1252514	9.483	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	483788	8.227	ng/ul	99
85) Chrysene	21.36	228	1250326	9.638	ng/ul	99
87) Di-n-octyl phthalate	22.16	149	684100	6.855	ng/ul	100
88) Benzo(b)fluoranthene	22.96	252	1229770	9.278	ng/ul	100
89) Benzo(k)fluoranthene	23.01	252	1269457	9.510	ng/ul	99
91) Benzo(a)pyrene	23.57	252	1157589	9.450	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.09	276	1429436	9.542	ng/ul	99
93) Dibenzo(a,h)anthracene	26.10	278	1202504	9.540	ng/ul	99
94) Benzo(g,h,i)perylene	26.83	276	1179235	9.379	ng/ul	99

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

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