Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047351.D
Acq On : 19 Nov 2020 12:21
Operator : CG/JU
Sample : SSTD04027
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04027

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Quant Time: Nov 19 13:18:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 13:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	37169	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	150890	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	116608	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	302000	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	289987	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	306979	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	14944	16.22	ng/uL	0.00
5) Phenol-d5	7.40	99	149756	46.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	84959	45.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	100159	39.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	113725	44.19	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	51015	40.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	54157	36.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	125929	43.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	138344	56.28	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	394786	41.18	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	459142	40.48	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	61965	41.06	ng/ul	0.00
58) Fluorene-d10	15.87	176	362677	40.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	68927	33.09	ng/ul	0.00
71) Anthracene-d10	17.72	188	579403	39.58	ng/ul	0.00
79) Pyrene-d10	19.98	212	678135	41.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	695542	41.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	16536	16.737	ng/uL#	69
4) Benzaldehyde	7.40	77	91212	42.619	ng/ul	98
6) Phenol	7.43	94	146102	46.409	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.68	93	103665	42.022	ng/ul	93
10) 2-Chlorophenol	7.83	128	97846	39.273	ng/ul#	89
11) 2-Methylphenol	8.70	108	112565	46.623	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.80	45	111519	30.424	ng/ul#	90
14) Acetophenone	9.10	105	178534	45.408	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.08	70	106029	49.839	ng/ul#	92
16) 4-Methylphenol	9.03	108	117976	46.524	ng/ul	92
17) Hexachloroethane	9.38	117	45861	39.904	ng/ul	97
20) Nitrobenzene	9.48	77	162908	47.704	ng/ul	98
21) Isophorone	10.01	82	307109	49.934	ng/ul#	98
23) 2-Nitrophenol	10.20	139	60680	40.048	ng/ul	95
24) 2,4-Dimethylphenol	10.24	107	146110	47.436	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.49	93	144462	41.624	ng/ul#	93
27) 2,4-Dichlorophenol	10.73	162	110146	40.510	ng/ul	93
28) Naphthalene	11.15	128	334606	39.473	ng/ul	100
30) 4-Chloroaniline	11.24	127	134174	57.382	ng/ul#	87
31) Hexachlorobutadiene	11.44	225	102752	43.073	ng/ul#	91
32) Caprolactam	11.99	113	42216m	45.574	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	140656	50.316	ng/ul	99
34) 2-Methylnaphthalene	12.73	142	254061	42.009	ng/ul	96

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35) 1-Methylnaphthalene	12.95	142	296991	41.909	ng/uL#	99
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	176908	38.950	ng/ul	96
38) Hexachlorocyclopentadiene	13.08	237	127731	44.852	ng/ul	97
39) 2,4,6-Trichlorophenol	13.32	196	114822	41.460	ng/ul	97
40) 2,4,5-Trichlorophenol	13.39	196	121338	42.754	ng/ul	95
41) 1,1'-Biphenyl	13.73	154	354144	38.494	ng/ul	97
42) 2-Chloronaphthalene	13.77	162	277394	37.384	ng/ul	96
43) 2-Nitroaniline	13.96	65	106621	47.789	ng/ul	91
45) Dimethylphthalate	14.33	163	397247	41.285	ng/ul	99
46) 2,6-Dinitrotoluene	14.44	165	81766	39.261	ng/ul	91
48) Acenaphthylene	14.61	152	415072	39.114	ng/ul	98
49) 3-Nitroaniline	14.77	138	64443	47.364	ng/ul#	97
50) Acenaphthene	14.95	153	295795	38.527	ng/ul	97
51) 2,4-Dinitrophenol	14.97	184	41807	38.830	ng/ul#	87
53) 4-Nitrophenol	15.05	109	92400	59.870	ng/ul	89
54) Dibenzofuran	15.28	168	434966	38.930	ng/ul	98
55) 2,4-Dinitrotoluene	15.23	165	117275	40.995	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.50	232	117860	39.553	ng/ul#	94
57) Diethylphthalate	15.68	149	398370	41.311	ng/ul	98
59) Fluorene	15.92	166	364483	39.743	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.91	204	216908	41.222	ng/ul	95
61) 4-Nitroaniline	15.92	138	74372	47.179	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.98	198	73408	34.189	ng/ul#	87
65) N-Nitrosodiphenylamine	16.12	169	335068	38.389	ng/ul	98
66) 4-Bromophenyl-phenylether	16.81	248	148895	37.168	ng/ul	95
67) Hexachlorobenzene	16.92	284	158116	37.292	ng/ul	94
68) Atrazine	17.06	200	152008	40.355	ng/ul	93
69) Pentachlorophenol	17.26	266	95580	39.528	ng/ul	96
70) Phenanthrene	17.66	178	639756	37.770	ng/ul	99
72) Anthracene	17.75	178	633481	37.215	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	186665	36.795	ng/uL	96
74) Pentachlorobenzene	15.20	250	180488	37.108	ng/uL	93
75) Carbazole	18.01	167	544115	41.612	ng/ul	97
76) Di-n-butylphthalate	18.56	149	678545	38.898	ng/ul	99
77) Fluoranthene	19.65	202	854008	41.890	ng/ul	99
80) Pyrene	20.01	202	824223	41.534	ng/ul	99
81) Butylbenzylphthalate	20.88	149	299320	41.063	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.78	252	300650	56.658	ng/ul	98
83) Benzo(a)anthracene	21.88	228	826702	42.082	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.78	149	412892	40.834	ng/ul	97
85) Chrysene	21.95	228	769614	40.720	ng/ul	98
87) Di-n-octyl phthalate	23.06	149	709499	41.287	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	860988	42.222	ng/ul#	98
89) Benzo(k)fluoranthene	24.29	252	839358	42.478	ng/ul#	97
91) Benzo(a)pyrene	25.15	252	768991	41.878	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.20	276	940286	41.204	ng/ul	98
93) Dibenzo(a,h)anthracene	29.29	278	761294	41.127	ng/ul	98
94) Benzo(g,h,i)perylene	30.43	276	777630	40.772	ng/ul#	96

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

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