Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027327.D
Acq On : 04 Sep 2020 12:52
Operator : JU/CG
Sample : SSTD04005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04005

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9/8/2020 1:45:39 PM

Quant Time: Sep 04 13:25:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 04 12:49:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	91330	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	376416	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	291050	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	733888	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	963544	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	1036245	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	32279	20.02	ng/uL	0.00
5) Phenol-d5	6.76	99	305298	41.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	203098	42.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	237368	41.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	247612	41.65	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	116351	38.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	133234	38.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	285532	40.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	328270	42.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	946434	40.99	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1097445	40.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	174619	44.83	ng/ul	0.00
58) Fluorene-d10	15.21	176	857822	43.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	187587	39.18	ng/ul	0.00
71) Anthracene-d10	17.06	188	1434136	41.17	ng/ul	0.00
79) Pyrene-d10	19.36	212	1795011	32.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2385457	41.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	38104	20.070	ng/uL	99
4) Benzaldehyde	6.72	77	233017	44.668	ng/ul	98
6) Phenol	6.79	94	324877	41.957	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.01	93	258699	41.555	ng/ul	96
10) 2-Chlorophenol	7.15	128	243380	41.779	ng/ul	99
11) 2-Methylphenol	8.02	108	238233	41.376	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.11	45	194989	40.454	ng/ul	96
14) Acetophenone	8.39	105	410191	43.063	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	245618	42.826	ng/ul	99
16) 4-Methylphenol	8.35	108	260024	42.117	ng/ul	100
17) Hexachloroethane	8.64	117	115829	42.182	ng/ul	98
20) Nitrobenzene	8.76	77	376034	41.685	ng/ul	97
21) Isophorone	9.29	82	651794	40.092	ng/ul	99
23) 2-Nitrophenol	9.46	139	146913	39.733	ng/ul	99
24) 2,4-Dimethylphenol	9.54	107	319791	41.107	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	363178	38.987	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	277820	40.323	ng/ul	96
28) Naphthalene	10.39	128	808636	40.337	ng/ul	99
30) 4-Chloroaniline	10.50	127	329018	42.958	ng/ul	99
31) Hexachlorobutadiene	10.69	225	210592	40.673	ng/ul	98
32) Caprolactam	11.27	113	84985m	41.149	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	308206	42.783	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	622810	40.900	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.24	142	618704	41.628	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	396372	38.089	ng/ul	99
38) Hexachlorocyclopentadiene	12.37	237	248356	35.284	ng/ul	99
39) 2,4,6-Trichlorophenol	12.64	196	256931	38.781	ng/ul	97
40) 2,4,5-Trichlorophenol	12.71	196	274604	39.002	ng/ul	98
41) 1,1'-Biphenyl	13.05	154	879010	38.483	ng/ul	100
42) 2-Chloronaphthalene	13.08	162	720942	39.237	ng/ul	97
43) 2-Nitroaniline	13.29	65	236087	42.632	ng/ul	99
45) Dimethylphthalate	13.68	163	994085	41.476	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	205314	41.570	ng/ul	99
48) Acenaphthylene	13.93	152	1097191	40.196	ng/ul	98
49) 3-Nitroaniline	14.12	138	181801	43.174	ng/ul	99
50) Acenaphthene	14.28	153	774926	40.522	ng/ul	98
51) 2,4-Dinitrophenol	14.33	184	116943	41.231	ng/ul	90
53) 4-Nitrophenol	14.45	109	181428	49.133	ng/ul	98
54) Dibenzofuran	14.62	168	1149758	41.882	ng/ul	98
55) 2,4-Dinitrotoluene	14.59	165	320676	45.600	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.85	232	273206	43.332	ng/ul	96
57) Diethylphthalate	15.06	149	1056030	44.200	ng/ul	99
59) Fluorene	15.27	166	992673	42.640	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.27	204	543739	42.745	ng/ul	98
61) 4-Nitroaniline	15.29	138	214230	45.988	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.36	198	200089	38.504	ng/ul	98
65) N-Nitrosodiphenylamine	15.48	169	853067	38.601	ng/ul	100
66) 4-Bromophenyl-phenylether	16.16	248	348540	37.882	ng/ul	97
67) Hexachlorobenzene	16.28	284	422806	40.255	ng/ul	96
68) Atrazine	16.44	200	364982	40.242	ng/ul	100
69) Pentachlorophenol	16.62	266	253120	41.038	ng/ul	98
70) Phenanthrene	17.00	178	1745362	41.669	ng/ul	100
72) Anthracene	17.10	178	1770700	41.499	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	386818	33.942	ng/uL	99
74) Pentachlorobenzene	14.54	250	427058	36.284	ng/uL	97
75) Carbazole	17.36	167	1536636	43.687	ng/ul	100
76) Di-n-butylphthalate	17.95	149	1966697	43.694	ng/ul	99
77) Fluoranthene	19.03	202	2279330	45.421	ng/ul	98
80) Pyrene	19.39	202	2410159	32.427	ng/ul	98
81) Butylbenzylphthalate	20.32	149	995307	35.426	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.09	252	960175	42.775	ng/ul	98
83) Benzo(a)anthracene	21.15	228	2614465	40.919	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	1538291	38.710	ng/ul	98
85) Chrysene	21.20	228	2540559	41.532	ng/ul	100
87) Di-n-octyl phthalate	21.97	149	2728738	33.801	ng/ul	100
88) Benzo(b)fluoranthene	22.70	252	2940630	39.807	ng/ul	99
89) Benzo(k)fluoranthene	22.74	252	2859399	40.169	ng/ul	100
91) Benzo(a)pyrene	23.25	252	2694420	41.560	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.51	276	3531076	47.279	ng/ul	99
93) Dibenzo(a,h)anthracene	25.52	278	2989130	47.172	ng/ul	100
94) Benzo(g,h,i)perylene	26.17	276	2923058	47.865	ng/ul	99

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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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