Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
Data File : BM027793.D
Acq On : 12 Nov 2020 15:56
Operator : JU/CG
Sample : SSTD00504
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00504

Manual Integrations APPROVED
mohammad
11/16/2020 11:50:19 AM

Quant Time: Nov 12 17:54:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 12 17:41:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	28774	20.00	ng/ul	0.00
18) Naphthalene-d8	11.22	136	106329	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.99	164	58757	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.70	188	119735	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	106121	20.00	ng/ul	0.00
86) Perylene-d12	24.24	264	108036	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1549	2.40	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.90	132	10170	5.86	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.55	128	4511	5.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.28	143	4566	5.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.82	165	9463	5.01	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.38	166	24162	5.17	ng/ul	0.00
47) Acenaphthylene-d8	14.69	160	29070	5.50	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.96	176	21723	5.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.80	188	30328m	5.36	ng/ul	0.00
79) Pyrene-d10	20.04	212	32422	6.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.08	264	30118	5.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	1793	2.317	ng/uL	95
10) 2-Chlorophenol	7.93	128	10131	5.593	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.19	70	8176	4.401	ng/ul#	98
17) Hexachloroethane	9.49	117	4606	5.111	ng/ul	94
20) Nitrobenzene	9.60	77	13721	5.249	ng/ul	98
21) Isophorone	10.12	82	21652	4.880	ng/ul#	93
23) 2-Nitrophenol	10.32	139	4584	4.810	ng/ul	99
24) 2,4-Dimethylphenol	10.36	107	12275	5.625	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.60	93	13264	5.262	ng/ul	93
27) 2,4-Dichlorophenol	10.85	162	8743	4.648	ng/ul	91
28) Naphthalene	11.27	128	31528	5.580	ng/ul	97
31) Hexachlorobutadiene	11.55	225	6945	4.681	ng/ul	95
33) 4-Chloro-3-methylphenol	12.45	107	10166	5.074	ng/ul	96
34) 2-Methylnaphthalene	12.85	142	20450	4.788	ng/ul	94
35) 1-Methylnaphthalene	13.06	142	23566	5.544	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.21	216	11837	5.993	ng/ul	88
39) 2,4,6-Trichlorophenol	13.43	196	6618	5.510	ng/ul	96
40) 2,4,5-Trichlorophenol	13.50	196	7236	5.578	ng/ul	91
41) 1,1'-Biphenyl	13.83	154	26675	6.036	ng/ul	93
42) 2-Chloronaphthalene	13.88	162	21681	6.029	ng/ul	96
43) 2-Nitroaniline	14.06	65	6237	5.907	ng/ul	91
45) Dimethylphthalate	14.42	163	25212	5.117	ng/ul	99
46) 2,6-Dinitrotoluene	14.54	165	3943	4.197	ng/ul	94

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48) Acenaphthylene	14.72	152	29625	5.556 ng/ul	98
50) Acenaphthene	15.05	153	21163	5.527 ng/ul	94
54) Dibenzofuran	15.38	168	29609	5.171 ng/ul	95
55) 2,4-Dinitrotoluene	15.32	165	6143	4.242 ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.59	232	5345	4.157 ng/ul#	92
57) Diethylphthalate	15.77	149	22960	4.469 ng/ul#	93
59) Fluorene	16.02	166	23726	4.821 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.00	204	12523	4.650 ng/ul	92
65) N-Nitrosodiphenylamine	16.21	169	18675	5.531 ng/ul	99
66) 4-Bromophenyl-phenylether	16.89	248	6553	4.728 ng/ul	96
67) Hexachlorobenzene	17.01	284	7836	4.670 ng/ul	91
70) Phenanthrene	17.74	178	36313	5.296 ng/ul	96
72) Anthracene	17.83	178	36458	5.219 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.80	216	11218	7.118 ng/uL	93
74) Pentachlorobenzene	15.30	250	10097	5.809 ng/uL#	86
76) Di-n-butylphthalate	18.62	149	33825	4.606 ng/ul	98
80) Pyrene	20.07	202	42143	6.565 ng/ul	99
81) Butylbenzylphthalate	20.92	149	15566	6.335 ng/ul	89
83) Benzo(a)anthracene	21.78	228	38855	5.651 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.68	149	20375	5.322 ng/ul	99
85) Chrysene	21.84	228	38511	5.668 ng/ul	99
88) Benzo(b)fluoranthene	23.49	252	38503	5.398 ng/ul	97
89) Benzo(k)fluoranthene	23.54	252	36860m	5.154 ng/ul	
91) Benzo(a)pyrene	24.13	252	34089	5.122 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.76	276	39693	4.543 ng/ul	99
93) Dibenzo(a,h)anthracene	26.76	278	34028	4.605 ng/ul	98
94) Benzo(g,h,i)perylene	27.53	276	34040	4.662 ng/ul#	94

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

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