Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072720\
Data File : BM026867.D
Acq On : 27 Jul 2020 11:16
Operator : JU/CG
Sample : SSTD01005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01005

Manual Integrations APPROVED
mohammad
7/28/2020 11:44:01 AM

Quant Time: Jul 27 12:41:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 12:34:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	73063	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	282840	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	175971	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	371893	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	366428	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	361392	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	6733	2.77	ng/uL	0.00
5) Phenol-d5	6.84	99	62612	9.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	43673	9.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	47167	9.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	48104	8.99	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	21498	9.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	18637	7.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	47874	10.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	51748	10.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	139488	9.94	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	175869	10.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	19827	9.79	ng/ul	0.00
58) Fluorene-d10	15.31	176	118956	9.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	11412	4.91	ng/ul	0.00
71) Anthracene-d10	17.15	188	184665	10.08	ng/ul	0.00
79) Pyrene-d10	19.45	212	190674	10.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	198305	10.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	8184	3.109	ng/uL#	93
4) Benzaldehyde	6.82	77	51117	14.385	ng/ul	96
6) Phenol	6.87	94	67912	9.232	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.11	93	54266	9.688	ng/ul	97
10) 2-Chlorophenol	7.24	128	48522	8.561	ng/ul	99
11) 2-Methylphenol	8.11	108	48343	9.198	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.21	45	49464	4.552	ng/ul	94
14) Acetophenone	8.48	105	82231	9.069	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.48	70	50172	9.367	ng/ul	95
16) 4-Methylphenol	8.44	108	51891	8.882	ng/ul	95
17) Hexachloroethane	8.75	117	23696	9.435	ng/ul	94
20) Nitrobenzene	8.86	77	71429	10.126	ng/ul	95
21) Isophorone	9.38	82	127766	10.775	ng/ul	99
23) 2-Nitrophenol	9.57	139	21774	7.890	ng/ul	94
24) 2,4-Dimethylphenol	9.64	107	59492	9.362	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	68218	9.676	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	46567	9.649	ng/ul	98
28) Naphthalene	10.50	128	157670	9.418	ng/ul	99
30) 4-Chloroaniline	10.60	127	53348	10.209	ng/ul	98
31) Hexachlorobutadiene	10.81	225	31966	9.139	ng/ul	99
32) Caprolactam	11.34	113	14310m	10.736	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	52728	9.601	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	113234	9.655	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.34	142	111613	10.210	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	60629	9.479	ng/ul	96
38) Hexachlorocyclopentadiene	12.49	237	38350	11.749	ng/ul	96
39) 2,4,6-Trichlorophenol	12.74	196	33369	8.838	ng/ul	95
40) 2,4,5-Trichlorophenol	12.80	196	35525	8.603	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	147773	9.702	ng/ul	100
42) 2-Chloronaphthalene	13.18	162	118437	9.879	ng/ul	99
43) 2-Nitroaniline	13.37	65	32798	8.137	ng/ul	98
45) Dimethylphthalate	13.77	163	145596	9.910	ng/ul	98
46) 2,6-Dinitrotoluene	13.88	165	23486	8.271	ng/ul	91
48) Acenaphthylene	14.03	152	177913	9.794	ng/ul	98
49) 3-Nitroaniline	14.20	138	21278	9.015	ng/ul#	98
50) Acenaphthene	14.38	153	123856	9.647	ng/ul	100
51) 2,4-Dinitrophenol	14.41	184	6799	4.609	ng/ul	93
53) 4-Nitrophenol	14.51	109	20825	9.988	ng/ul	95
54) Dibenzofuran	14.71	168	170319	9.349	ng/ul	99
55) 2,4-Dinitrotoluene	14.67	165	34213	8.101	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.94	232	26481	7.450	ng/ul	97
57) Diethylphthalate	15.15	149	144469	9.784	ng/ul	98
59) Fluorene	15.36	166	141389	9.500	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.37	204	69365	8.967	ng/ul	99
61) 4-Nitroaniline	15.36	138	26685	9.995	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.43	198	12960	5.266	ng/ul	94
65) N-Nitrosodiphenylamine	15.57	169	119564	9.615	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	42632	9.509	ng/ul	98
67) Hexachlorobenzene	16.37	284	47883	9.372	ng/ul	98
68) Atrazine	16.53	200	42584	10.511	ng/ul	98
69) Pentachlorophenol	16.71	266	19721	7.828	ng/ul	97
70) Phenanthrene	17.09	178	220597	9.526	ng/ul	99
72) Anthracene	17.18	178	225925	9.669	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	57650	8.991	ng/uL	98
74) Pentachlorobenzene	14.64	250	55351	9.013	ng/uL	97
75) Carbazole	17.45	167	197520	10.558	ng/ul	99
76) Di-n-butylphthalate	18.05	149	231307	10.219	ng/ul	99
77) Fluoranthene	19.11	202	250514	10.458	ng/ul	99
80) Pyrene	19.48	202	260961	10.049	ng/ul	99
81) Butylbenzylphthalate	20.41	149	92641	10.056	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.17	252	80059	10.839	ng/ul	98
83) Benzo(a)anthracene	21.24	228	247473	9.811	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	140239	10.222	ng/ul	99
85) Chrysene	21.28	228	241001	9.631	ng/ul	100
87) Di-n-octyl phthalate	22.08	149	237382	10.660	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	249635	10.169	ng/ul	99
89) Benzo(k)fluoranthene	22.85	252	244502	10.050	ng/ul	99
91) Benzo(a)pyrene	23.37	252	227276	10.437	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.68	276	276563	9.731	ng/ul	99
93) Dibenzo(a,h)anthracene	25.70	278	233602	9.756	ng/ul	100
94) Benzo(g,h,i)perylene	26.36	276	231407	9.762	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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