Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040920\
Data File : BN010450.D
Acq On : 09 Apr 2020 12:13
Operator : CG/JU
Sample : SSTD04054
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD04054

Manual Integrations APPROVED
mohammad
4/10/2020 8:06:06 AM

Quant Time: Apr 09 12:50:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 09 12:08:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	559794	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2366950	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1506208	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	3336846	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	3013294	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	2900368	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	171204	14.46	ng/uL	0.00
5) Phenol-d5	6.80	99	1784351	38.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	901131	36.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	1543220	41.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	1503083	38.10	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	755106	42.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	858559	46.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1627048	42.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	1945029	42.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	4543609	39.98	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	5569033	41.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	895057	41.93	ng/ul	0.00
58) Fluorene-d10	15.23	176	3996832	40.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	748919	39.20	ng/ul	0.00
71) Anthracene-d10	17.09	188	6255194	40.83	ng/ul	0.00
79) Pyrene-d10	19.39	212	7071631	45.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	6113884	42.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	183561	14.669	ng/uL	98
4) Benzaldehyde	6.76	77	1173472	49.185	ng/ul	99
6) Phenol	6.82	94	1859653	38.054	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	1425609	37.738	ng/ul	98
10) 2-Chlorophenol	7.18	128	1579230	41.126	ng/ul	99
11) 2-Methylphenol	8.05	108	1462950	38.523	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.14	45	908315	35.097	ng/ul	96
14) Acetophenone	8.42	105	2309482	38.512	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	1099899	37.579	ng/ul	98
16) 4-Methylphenol	8.38	108	1573178	37.887	ng/ul	99
17) Hexachloroethane	8.68	117	652888	41.963	ng/ul	96
20) Nitrobenzene	8.79	77	1746474	40.890	ng/ul	95
21) Isophorone	9.32	82	3193221	39.096	ng/ul	98
23) 2-Nitrophenol	9.49	139	924868	43.511	ng/ul	96
24) 2,4-Dimethylphenol	9.56	107	1774215	40.820	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.80	93	1937594	37.765	ng/ul	96
27) 2,4-Dichlorophenol	10.03	162	1613351	41.411	ng/ul	99
28) Naphthalene	10.42	128	5140550	40.371	ng/ul	99
30) 4-Chloroaniline	10.53	127	1946792	42.511	ng/ul	100
31) Hexachlorobutadiene	10.72	225	1098779	42.418	ng/ul	94
32) Caprolactam	11.30	113	498308m	38.332	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	1689258	41.118	ng/ul	99
34) 2-Methylnaphthalene	12.04	142	3588742	38.794	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	3632360	39.576	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	2042961	43.012	ng/ul	93
38) Hexachlorocyclopentadiene	12.40	237	1041408	33.243	ng/ul	96
39) 2,4,6-Trichlorophenol	12.66	196	1345665	44.353	ng/ul	99
40) 2,4,5-Trichlorophenol	12.73	196	1444613	44.290	ng/ul	97
41) 1,1'-Biphenyl	13.06	154	4751899	41.459	ng/ul	99
42) 2-Chloronaphthalene	13.10	162	3810815	41.844	ng/ul	99
43) 2-Nitroaniline	13.30	65	929043	45.425	ng/ul	95
45) Dimethylphthalate	13.70	163	4601639	39.211	ng/ul	99
46) 2,6-Dinitrotoluene	13.82	165	1066957	46.253	ng/ul	96
48) Acenaphthylene	13.96	152	5871079	41.105	ng/ul	98
49) 3-Nitroaniline	14.14	138	1013731	47.085	ng/ul	95
50) Acenaphthene	14.30	153	4018897	40.846	ng/ul	97
51) 2,4-Dinitrophenol	14.35	184	494169	37.175	ng/ul	98
53) 4-Nitrophenol	14.47	109	727781	42.649	ng/ul	95
54) Dibenzofuran	14.64	168	5559670	40.117	ng/ul	100
55) 2,4-Dinitrotoluene	14.61	165	1466307	43.314	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.87	232	1273885	44.745	ng/ul#	94
57) Diethylphthalate	15.08	149	4806912	41.345	ng/ul	99
59) Fluorene	15.29	166	4527854	40.144	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	2311553	39.477	ng/ul	96
61) 4-Nitroaniline	15.31	138	1109663	45.689	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.38	198	794598	37.897	ng/ul	99
65) N-Nitrosodiphenylamine	15.50	169	3923857	40.419	ng/ul	97
66) 4-Bromophenyl-phenylether	16.19	248	1517458	43.234	ng/ul	98
67) Hexachlorobenzene	16.30	284	1637169	41.089	ng/ul	96
68) Atrazine	16.47	200	1590870	41.758	ng/ul	99
69) Pentachlorophenol	16.65	266	1078690	44.271	ng/ul	96
70) Phenanthrene	17.03	178	7457376	40.333	ng/ul	98
72) Anthracene	17.12	178	7661836	41.433	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	2168879	42.807	ng/uL	96
74) Pentachlorobenzene	14.56	250	2083265	41.823	ng/uL	94
75) Carbazole	17.39	167	6684407	43.469	ng/ul	99
76) Di-n-butylphthalate	17.97	149	8338879	43.633	ng/ul	100
77) Fluoranthene	19.05	202	9244218	46.946	ng/ul	98
80) Pyrene	19.42	202	9385435	46.581	ng/ul	99
81) Butylbenzylphthalate	20.34	149	3977075	49.494	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.12	252	2927833	42.719	ng/ul	97
83) Benzo(a)anthracene	21.17	228	8739557	43.169	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	5661819	47.615	ng/ul	97
85) Chrysene	21.23	228	8096160	41.936	ng/ul	99
87) Di-n-octyl phthalate	22.00	149	9996971	70.163	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	7562644	43.059	ng/ul	97
89) Benzo(k)fluoranthene	22.77	252	7647486	44.823	ng/ul	99
91) Benzo(a)pyrene	23.28	252	6775561	41.206	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.53	276	7592480	35.779	ng/ul	100
93) Dibenzo(a,h)anthracene	25.54	278	6336920	36.155	ng/ul	98
94) Benzo(g,h,i)perylene	26.19	276	6326328	35.383	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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