Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071520\
Data File : BN011173.D
Acq On : 15 Jul 2020 12:15
Operator : CG/JU
Sample : SSTD08051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD08051

Manual Integrations APPROVED
mohammad
7/16/2020 11:06:43 AM

Quant Time: Jul 15 12:47:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 11:45:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	164700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	708246	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	471900	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	1060715	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1265602	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	1358074	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	129134	29.06	ng/uL	0.00
5) Phenol-d5	6.69	99	1067312	88.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	553443	79.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	905153	83.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	880631	91.30	ng/ul	0.01
19) Nitrobenzene-d5	8.63	128	434902	73.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	507452	84.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	932295	79.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	892209	74.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	2756110	75.02	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	3310671	73.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	562352	98.41	ng/ul	0.01
58) Fluorene-d10	15.13	176	2500912	76.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	564940	88.80	ng/ul	0.00
71) Anthracene-d10	16.98	188	3848023	73.60	ng/ul	0.00
79) Pyrene-d10	19.29	212	4549379	66.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	5395464	74.91	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	131419	28.007	ng/uL	93
4) Benzaldehyde	6.65	77	352420	53.123	ng/ul	98
6) Phenol	6.72	94	1155484	87.782	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.94	93	843001	80.734	ng/ul	97
10) 2-Chlorophenol	7.07	128	951445	82.506	ng/ul	96
11) 2-Methylphenol	7.94	108	878074	89.543	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.02	45	550351	80.178	ng/ul	96
14) Acetophenone	8.30	105	1462786	89.077	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.31	70	722695	97.532	ng/ul	99
16) 4-Methylphenol	8.28	108	952043	91.855	ng/ul	93
17) Hexachloroethane	8.55	117	392301	70.719	ng/ul	95
20) Nitrobenzene	8.68	77	1088264	70.354	ng/ul	95
21) Isophorone	9.20	82	2139272	87.789	ng/ul	98
23) 2-Nitrophenol	9.38	139	551744	80.621	ng/ul	93
24) 2,4-Dimethylphenol	9.45	107	1102540	76.510	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.68	93	1157487	75.007	ng/ul	98
27) 2,4-Dichlorophenol	9.90	162	946476	77.714	ng/ul	97
28) Naphthalene	10.29	128	2984535	72.247	ng/ul	99
30) 4-Chloroaniline	10.41	127	934977	75.393	ng/ul	98
31) Hexachlorobutadiene	10.58	225	603489	63.745	ng/ul	98
32) Caprolactam	11.21	113	285916m	104.311	ng/ul	
33) 4-Chloro-3-methylphenol	11.55	107	1043205	88.357	ng/ul	98
34) 2-Methylnaphthalene	11.91	142	2198964	77.118	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	2029078	77.258	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	1137914	63.975	ng/ul	92
38) Hexachlorocyclopentadiene	12.27	237	786281	66.657	ng/ul	94
39) 2,4,6-Trichlorophenol	12.54	196	850026	83.150	ng/ul	99
40) 2,4,5-Trichlorophenol	12.62	196	923598	85.712	ng/ul	92
41) 1,1'-Biphenyl	12.95	154	2959154	71.489	ng/ul	98
42) 2-Chloronaphthalene	12.99	162	2271634	69.132	ng/ul	99
43) 2-Nitroaniline	13.20	65	631986	84.130	ng/ul	89
45) Dimethylphthalate	13.60	163	2860407	74.058	ng/ul	98
46) 2,6-Dinitrotoluene	13.72	165	627576	83.651	ng/ul	97
48) Acenaphthylene	13.84	152	3479544	73.197	ng/ul	98
49) 3-Nitroaniline	14.04	138	590115	88.182	ng/ul	95
50) Acenaphthene	14.19	153	2414189	71.693	ng/ul	96
51) 2,4-Dinitrophenol	14.25	184	424278	104.089	ng/ul	89
53) 4-Nitrophenol	14.37	109	524777	94.761	ng/ul	97
54) Dibenzofuran	14.53	168	3403230	71.845	ng/ul	98
55) 2,4-Dinitrotoluene	14.51	165	905950	87.093	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.76	232	737786	84.550	ng/ul	97
57) Diethylphthalate	14.98	149	2955489	78.113	ng/ul	99
59) Fluorene	15.19	166	3018086	77.696	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.19	204	1446951	72.581	ng/ul	96
61) 4-Nitroaniline	15.22	138	724803m	101.486	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.28	198	584605	87.810	ng/ul#	99
65) N-Nitrosodiphenylamine	15.40	169	2540872	73.237	ng/ul	98
66) 4-Bromophenyl-phenylether	16.08	248	862459	70.465	ng/ul	91
67) Hexachlorobenzene	16.19	284	967280	69.882	ng/ul	98
68) Atrazine	16.37	200	873434	76.909	ng/ul	98
69) Pentachlorophenol	16.54	266	646189	88.720	ng/ul	94
70) Phenanthrene	16.92	178	4692924	72.776	ng/ul	99
72) Anthracene	17.02	178	4867140	74.678	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.91	216	1145369	61.059	ng/uL	94
74) Pentachlorobenzene	14.45	250	1112755	65.781	ng/uL	99
75) Carbazole	17.29	167	4402264	84.203	ng/ul	99
76) Di-n-butylphthalate	17.87	149	5906477	95.659	ng/ul	99
77) Fluoranthene	18.95	202	5808407	84.038	ng/ul	99
80) Pyrene	19.32	202	6109028	65.737	ng/ul	99
81) Butylbenzylphthalate	20.25	149	2787367	89.053	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.03	252	2206372	89.133	ng/ul	98
83) Benzo(a)anthracene	21.08	228	6457643	73.995	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	4284360	89.816	ng/ul	98
85) Chrysene	21.14	228	6125759	71.685	ng/ul	96
87) Di-n-octyl phthalate	21.90	149	7375055	87.124	ng/ul	100
88) Benzo(b)fluoranthene	22.61	252	6635281	70.892	ng/ul	100
89) Benzo(k)fluoranthene	22.65	252	6725963	75.159	ng/ul	98
91) Benzo(a)pyrene	23.15	252	5913572	72.447	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.34	276	7271236	70.281	ng/ul#	95
93) Dibenzo(a,h)anthracene	25.34	278	6228961	72.861	ng/ul	99
94) Benzo(g,h,i)perylene	25.97	276	5771880	68.117	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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