Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001865.D
Acq On : 24 Feb 2020 17:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD02083

Manual Integrations APPROVED
mohammad
2/25/2020 3:42:21 PM

Quant Time: Feb 25 05:54:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 05:05:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	382647	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1627256	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1049702	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2348376	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2153896	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2400584	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	61513	6.68	ng/uL	0.00
5) Phenol-d5	6.83	99	567714	19.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	305729	18.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	494804	21.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	483189	21.07	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	246954	22.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	278406	27.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	537733	22.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	603923	21.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1582709	21.49	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1934022	21.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	286935	22.37	ng/ul	0.00
58) Fluorene-d10	15.29	176	1380798	20.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	234514	25.33	ng/ul	0.00
71) Anthracene-d10	17.14	188	2104654	20.34	ng/ul	0.00
79) Pyrene-d10	19.38	212	2381355	21.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	2501742	21.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	65084	6.587	ng/uL	99
4) Benzaldehyde	6.79	77	369789	20.894	ng/ul	97
6) Phenol	6.86	94	591066	19.291	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	468640	18.967	ng/ul	97
10) 2-Chlorophenol	7.22	128	510891	20.669	ng/ul	98
11) 2-Methylphenol	8.09	108	475735	20.508	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	514037	17.461	ng/ul	96
14) Acetophenone	8.46	105	731952	20.655	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	346224	21.072	ng/ul	97
16) 4-Methylphenol	8.42	108	516112	20.664	ng/ul	96
17) Hexachloroethane	8.72	117	204549	20.803	ng/ul	97
20) Nitrobenzene	8.83	77	544286	19.933	ng/ul	94
21) Isophorone	9.36	82	1053325	20.988	ng/ul	98
23) 2-Nitrophenol	9.55	139	300184	25.148	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	562114	20.967	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	657295	19.353	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	528752	21.747	ng/ul	99
28) Naphthalene	10.48	128	1699319	19.542	ng/ul	99
30) 4-Chloroaniline	10.58	127	601515	21.242	ng/ul	99
31) Hexachlorobutadiene	10.78	225	365388	21.253	ng/ul	99
32) Caprolactam	11.32	113	170373m	23.194	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	533627	23.051	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	1221275	20.374	ng/ul	97

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35) 1-Methylnaphthalene	12.32	142	1211051	20.500	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	693860	20.294	ng/ul	99
38) Hexachlorocyclopentadiene	12.46	237	403213	21.833	ng/ul	99
39) 2,4,6-Trichlorophenol	12.71	196	446910	24.455	ng/ul	99
40) 2,4,5-Trichlorophenol	12.78	196	479985	23.856	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1639801	20.038	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	1293898	20.025	ng/ul	100
43) 2-Nitroaniline	13.35	65	305311	23.540	ng/ul	92
45) Dimethylphthalate	13.75	163	1628382	21.003	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	343267	25.405	ng/ul	90
48) Acenaphthylene	14.00	152	2022554	20.553	ng/ul	99
49) 3-Nitroaniline	14.19	138	309345	22.488	ng/ul	95
50) Acenaphthene	14.35	153	1342222	19.961	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	148001	26.396	ng/ul	95
53) 4-Nitrophenol	14.50	109	210756	22.192	ng/ul	91
54) Dibenzofuran	14.69	168	1917647	20.250	ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	487649	24.512	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.92	232	424810	26.124	ng/ul	96
57) Diethylphthalate	15.13	149	1618121	21.827	ng/ul	98
59) Fluorene	15.34	166	1520865	20.188	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	797432	20.397	ng/ul	99
61) 4-Nitroaniline	15.35	138	347688	22.386	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.42	198	253016	24.504	ng/ul	98
65) N-Nitrosodiphenylamine	15.56	169	1330502	19.761	ng/ul	100
66) 4-Bromophenyl-phenylether	16.24	248	534139	20.723	ng/ul	99
67) Hexachlorobenzene	16.36	284	609403	20.487	ng/ul	97
68) Atrazine	16.52	200	540352	22.260	ng/ul	99
69) Pentachlorophenol	16.70	266	344993	23.956	ng/ul	99
70) Phenanthrene	17.08	178	2524520	19.493	ng/ul	99
72) Anthracene	17.17	178	2536191	19.825	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	753314	19.568	ng/uL	98
74) Pentachlorobenzene	14.62	250	740136	19.724	ng/uL	99
75) Carbazole	17.45	167	2234026	20.940	ng/ul	99
76) Di-n-butylphthalate	18.02	149	2747547	23.402	ng/ul	99
77) Fluoranthene	19.06	202	3081578	22.220	ng/ul	96
80) Pyrene	19.41	202	3083004	21.043	ng/ul	98
81) Butylbenzylphthalate	20.30	149	1286438	28.283	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.06	252	1088424	23.367	ng/ul	99
83) Benzo(a)anthracene	21.12	228	2999972	21.150	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1867793	24.785	ng/ul	99
85) Chrysene	21.17	228	2833736	20.450	ng/ul	99
87) Di-n-octyl phthalate	21.94	149	3230304	26.869	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	3227753	22.851	ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	2888955	19.731	ng/ul	99
91) Benzo(a)pyrene	23.25	252	2739114	20.691	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.58	276	3117025	18.850	ng/ul	98
93) Dibenzo(a,h)anthracene	25.60	278	2619415	18.860	ng/ul	98
94) Benzo(g,h,i)perylene	26.26	276	2550136	18.141	ng/ul	97

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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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