Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012721\
Data File : BP004638.D
Acq On : 26 Jan 2021 18:40
Operator : CG/JU
Sample : SSTD08081
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD08081

Manual Integrations APPROVED
mohammad
1/28/2021 11:45:16 AM

Quant Time: Jan 27 04:39:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP012721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 27 04:11:03 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	52742	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	200379	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	164344	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	399110	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	437401	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	405671	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	31510	24.84	ng/uL	0.00
5) Phenol-d5	6.96	99	331774	72.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	186693	72.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	235578	62.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	259038	71.04	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	114806	66.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	146827	77.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	334743	95.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	282021	70.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	1016759	77.30	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1239782	75.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	156201	65.73	ng/ul	0.02
58) Fluorene-d10	15.44	176	909402	79.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.56	200	211321	82.07	ng/ul	0.01
71) Anthracene-d10	17.30	188	1493632	75.76	ng/ul	0.00
79) Pyrene-d10	19.53	212	1814497	77.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	1810030	81.00	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	32085	24.757	ng/uL	98
4) Benzaldehyde	6.93	77	171809	76.440	ng/ul	96
6) Phenol	6.99	94	349547	75.879	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	249354	67.631	ng/ul	96
10) 2-Chlorophenol	7.36	128	246109	65.717	ng/ul	98
11) 2-Methylphenol	8.23	108	263633	74.796	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.33	45	255523	61.464	ng/ul	99
14) Acetophenone	8.62	105	442109	82.639	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	245916	90.921	ng/ul	97
16) 4-Methylphenol	8.58	108	278310	73.881	ng/ul	95
17) Hexachloroethane	8.87	117	112332	69.833	ng/ul	97
20) Nitrobenzene	9.00	77	374281	93.718	ng/ul	99
21) Isophorone	9.53	82	655881	87.880	ng/ul	98
23) 2-Nitrophenol	9.70	139	150417	76.187	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	356364	95.874	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.01	93	343436	73.661	ng/ul	97
27) 2,4-Dichlorophenol	10.23	162	320796	94.990	ng/ul	99
28) Naphthalene	10.64	128	810286	71.979	ng/ul	99
30) 4-Chloroaniline	10.75	127	287614	76.192	ng/ul	99
31) Hexachlorobutadiene	10.93	225	275144	114.456	ng/ul	97
32) Caprolactam	11.55	113	83555m	75.944	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	320215	94.089	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	665275	85.672	ng/ul	98

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35) 1-Methylnaphthalene	12.47	142	638004	70.577	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	521955	89.169	ng/ul	96
38) Hexachlorocyclopentadiene	12.60	237	376173	112.509	ng/ul	98
39) 2,4,6-Trichlorophenol	12.86	196	319030	88.008	ng/ul	95
40) 2,4,5-Trichlorophenol	12.94	196	343001	89.586	ng/ul	100
41) 1,1'-Biphenyl	13.27	154	976870	72.766	ng/ul	100
42) 2-Chloronaphthalene	13.31	162	788863	73.637	ng/ul	97
43) 2-Nitroaniline	13.52	65	237164	87.468	ng/ul	96
45) Dimethylphthalate	13.90	163	1020574	77.438	ng/ul	100
46) 2,6-Dinitrotoluene	14.02	165	215219	78.370	ng/ul	97
48) Acenaphthylene	14.16	152	1091607	68.399	ng/ul	99
49) 3-Nitroaniline	14.35	138	145707	62.873	ng/ul	100
50) Acenaphthene	14.50	153	797438	71.319	ng/ul	99
51) 2,4-Dinitrophenol	14.55	184	148158	98.876	ng/ul	98
53) 4-Nitrophenol	14.66	109	201490	120.806	ng/ul	96
54) Dibenzofuran	14.85	168	1229312	78.080	ng/ul	98
55) 2,4-Dinitrotoluene	14.81	165	303875	77.158	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.07	232	335438	99.039	ng/ul	97
57) Diethylphthalate	15.28	149	990291	76.388	ng/ul	100
59) Fluorene	15.49	166	1068496	83.753	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.49	204	638158	93.522	ng/ul	97
61) 4-Nitroaniline	15.52	138	164148	67.383	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.57	198	212128	78.048	ng/ul#	91
65) N-Nitrosodiphenylamine	15.70	169	886505	73.933	ng/ul	100
66) 4-Bromophenyl-phenylether	16.39	248	416759	86.256	ng/ul	99
67) Hexachlorobenzene	16.50	284	465626	83.060	ng/ul	98
68) Atrazine	16.67	200	408998	90.434	ng/ul	98
69) Pentachlorophenol	16.84	266	301674	102.332	ng/ul	97
70) Phenanthrene	17.24	178	1725717	74.457	ng/ul	99
72) Anthracene	17.33	178	1766052	76.086	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	527856	81.690	ng/uL	100
74) Pentachlorobenzene	14.76	250	537835	84.024	ng/uL	98
75) Carbazole	17.60	167	1442864	75.186	ng/ul	99
76) Di-n-butylphthalate	18.16	149	1685678	69.928	ng/ul	99
77) Fluoranthene	19.21	202	2224722	84.619	ng/ul	99
80) Pyrene	19.56	202	2237486	75.118	ng/ul	100
81) Butylbenzylphthalate	20.44	149	727970	64.016	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.20	252	783688	86.339	ng/ul	100
83) Benzo(a)anthracene	21.26	228	2220186	75.311	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	1118836	66.517	ng/ul	100
85) Chrysene	21.32	228	2139906	75.182	ng/ul	99
87) Di-n-octyl phthalate	22.10	149	1727988	72.247	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	2197362	83.046	ng/ul	98
89) Benzo(k)fluoranthene	22.94	252	2158323	84.073	ng/ul	99
91) Benzo(a)pyrene	23.50	252	1908339	78.191	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.01	276	2448293	79.393	ng/ul	97
93) Dibenzo(a,h)anthracene	26.02	278	2085539	81.204	ng/ul	96
94) Benzo(g,h,i)perylene	26.73	276	1986898	76.800	ng/ul	98

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

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