Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030221\
Data File : BP004878.D
Acq On : 02 Mar 2021 10:44
Operator : CG/JU
Sample : SSTD01080
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD01080

Manual Integrations APPROVED
mohammad
3/2/2021 3:22:08 PM

Quant Time: Mar 02 11:53:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 02 11:50:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	31097	20.00	ng/ul	0.00
18) Naphthalene-d8	10.534	136	125758	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.392	164	80720	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.151	188	172880	20.00	ng/ul	0.00
78) Chrysene-d12	21.239	240	191490	20.00	ng/ul	0.00
86) Perylene-d12	23.539	264	191435	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	3086	3.84	ng/uL	0.00
5) Phenol-d5	6.922	99	24236	9.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.081	67	13008	10.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.275	132	18393	9.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.457	113	18923	9.64	ng/ul	0.00
19) Nitrobenzene-d5	8.899	128	8472	9.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.622	143	9331	9.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.157	165	17644	9.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.675	131	22490	10.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.804	166	57433	9.80	ng/ul	0.00
47) Acenaphthylene-d8	14.087	160	68495	9.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.604	143	8611m	8.41	ng/ul	0.00
58) Fluorene-d10	15.392	176	48336	9.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.510	200	9437	9.03	ng/ul	0.00
71) Anthracene-d10	17.251	188	77139	10.12	ng/ul	0.00
79) Pyrene-d10	19.492	212	87228	9.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.392	264	95127	9.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	3304	4.11	ng/uL#	88
4) Benzaldehyde	6.887	77	15652	11.97	ng/ul	96
6) Phenol	6.946	94	25310	9.73	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.169	93	19124	9.96	ng/ul	96
10) 2-Chlorophenol	7.310	128	19662	9.88	ng/ul	96
11) 2-Methylphenol	8.193	108	18394	9.50	ng/ul	90
12) 2,2'-oxybis(1-Chloropr...	8.275	45	12541	8.39	ng/ul	94
14) Acetophenone	8.563	105	32274	9.99	ng/ul	98
15) N-Nitroso-di-n-propyla...	8.546	70	15349	10.03	ng/ul#	93
16) 4-Methylphenol	8.522	108	19676	9.43	ng/ul	98
17) Hexachloroethane	8.816	117	8711	9.99	ng/ul#	92
20) Nitrobenzene	8.940	77	24026	9.94	ng/ul#	93
21) Isophorone	9.469	82	39581	9.63	ng/ul	96
23) 2-Nitrophenol	9.657	139	11134	10.62	ng/ul#	86
24) 2,4-Dimethylphenol	9.716	107	24820	9.79	ng/ul	98
25) Bis(2-Chloroethoxy)met...	9.951	93	25446	10.15	ng/ul	97
27) 2,4-Dichlorophenol	10.187	162	19140	9.94	ng/ul	97
28) Naphthalene	10.587	128	64946	10.03	ng/ul	98
30) 4-Chloroaniline	10.704	127	23141	10.52	ng/ul	96
31) Hexachlorobutadiene	10.869	225	14311	9.88	ng/ul	98
32) Caprolactam	11.493	113	5601m	9.01	ng/ul	
33) 4-Chloro-3-methylphenol	11.834	107	21371	9.55	ng/ul	90
34) 2-Methylnaphthalene	12.204	142	46111	9.88	ng/ul	98
35) 1-Methylnaphthalene	12.428	142	44076	9.74	ng/ul	93
37) 1,2,4,5-Tetrachloroben...	12.575	216	25683	9.72	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.551	237	14922	8.69	ng/ul	96
39) 2,4,6-Trichlorophenol	12.822	196	15613	10.27	ng/ul	98
40) 2,4,5-Trichlorophenol	12.892	196	16789	10.04	ng/ul	96
41) 1,1'-Biphenyl	13.222	154	58435	9.82	ng/ul	100
42) 2-Chloronaphthalene	13.263	162	47364	10.12	ng/ul	100
43) 2-Nitroaniline	13.475	65	12169	9.56	ng/ul	98
45) Dimethylphthalate	13.851	163	59743	9.89	ng/ul	98
46) 2,6-Dinitrotoluene	13.975	165	11083	9.67	ng/ul	99
48) Acenaphthylene	14.116	152	67140	9.97	ng/ul	97
49) 3-Nitroaniline	14.304	138	9764	9.57	ng/ul	92
50) Acenaphthene	14.457	153	48682	9.74	ng/ul	96
51) 2,4-Dinitrophenol	14.510	184	5464	7.58	ng/ul#	87
53) 4-Nitrophenol	14.622	109	9929	8.60	ng/ul	91
54) Dibenzofuran	14.798	168	71341	9.98	ng/ul	99
55) 2,4-Dinitrotoluene	14.763	165	16883	10.10	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.022	232	14444	9.61	ng/ul#	98
57) Diethylphthalate	15.228	149	58573	9.66	ng/ul	97
59) Fluorene	15.445	166	58846	9.87	ng/ul	98
60) 4-Chlorophenyl-phenyle...	15.445	204	31104	9.64	ng/ul	96
61) 4-Nitroaniline	15.469	138	11315	9.43	ng/ul	94
64) 4,6-Dinitro-2-methylph...	15.528	198	10086	9.55	ng/ul	95
65) N-Nitrosodiphenylamine	15.663	169	49259	9.98	ng/ul	98
66) 4-Bromophenyl-phenylether	16.345	248	17768	9.50	ng/ul	91
67) Hexachlorobenzene	16.451	284	20861	10.07	ng/ul	92
68) Atrazine	16.616	200	17810	8.97	ng/ul	98
69) Pentachlorophenol	16.804	266	10661	8.58	ng/ul	97
70) Phenanthrene	17.192	178	93328	10.13	ng/ul	100
72) Anthracene	17.286	178	93949	10.03	ng/ul	97
73) 1,2,3,4-Tetrachloroben...	13.187	216	26375	10.33	ng/uL	100
74) Pentachlorobenzene	14.710	250	24769	9.92	ng/uL	97
75) Carbazole	17.563	167	79297	9.67	ng/ul	99
76) Di-n-butylphthalate	18.116	149	92615	10.02	ng/ul	99
77) Fluoranthene	19.169	202	110580	10.00	ng/ul	98
80) Pyrene	19.522	202	115118	9.90	ng/ul	100
81) Butylbenzylphthalate	20.398	149	41381	10.17	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.163	252	34904	9.17	ng/ul	99
83) Benzo(a)anthracene	21.227	228	114565	9.99	ng/ul	98
84) Bis(2-ethylhexyl)phtha...	21.157	149	60898	9.81	ng/ul	99
85) Chrysene	21.274	228	112315	9.88	ng/ul	99
87) Di-n-octyl phthalate	22.045	149	107734	9.21	ng/ul	100
88) Benzo(b)fluoranthene	22.839	252	117314	9.74	ng/ul	100
89) Benzo(k)fluoranthene	22.886	252	115907	9.88	ng/ul	100
91) Benzo(a)pyrene	23.439	252	103188	9.73	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.898	276	138496	10.28	ng/ul	98
93) Dibenzo(a,h)anthracene	25.898	278	121421	10.60	ng/ul	96
94) Benzo(g,h,i)perylene	26.609	276	119829	10.75	ng/ul	99

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

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