Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022221\
Data File : BP004848.D
Acq On : 22 Feb 2021 12:58
Operator : CG/JU
Sample : SSTD04003
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD040103

Manual Integrations APPROVED
mohammad
2/23/2021 3:45:16 PM

Quant Time: Feb 22 13:31:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP022221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 12:56:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	49997	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	190544	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	115097	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.16	188	237860	20.00	ng/ul	0.00
79) Chrysene-d12	21.25	240	242486	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	234475	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	21284	18.00	ng/uL	0.00
4) Pyridine-d5	3.67	84	134215	43.93	ng/ul	0.00
7) Phenol-d5	6.94	99	170418	41.44	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.09	67	88423	38.35	ng/ul	0.00
11) 2-Chlorophenol-d4	7.29	132	141783	42.63	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	134685	41.24	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	65048	40.77	ng/ul	0.00
24) 2-Nitrophenol-d4	9.63	143	75851	45.28	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	138981	43.49	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	176825	40.88	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	373316	40.76	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	442009	39.24	ng/ul	0.00
54) 4-Nitrophenol-d4	14.63	143	66660	42.37	ng/ul	0.00
60) Fluorene-d10	15.40	176	315970	39.57	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	70266	48.28	ng/ul	0.00
73) Anthracene-d10	17.26	188	486422	42.16	ng/ul	0.00
81) Pyrene-d10	19.50	212	533704	42.02	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	544874	43.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	21626	17.552	ng/uL	95
5) Pyridine	3.69	79	135145	43.825	ng/ul	99
6) Benzaldehyde	6.90	77	106090	64.707	ng/ul	98
8) Phenol	6.97	94	175874	41.652	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.19	93	132732	38.595	ng/ul	98
12) 2-Chlorophenol	7.33	128	147352	43.439	ng/ul	96
13) 2-Methylphenol	8.21	108	134246	41.531	ng/ul	92
14) 2,2'-oxybis(1-Chloropropan	8.29	45	109735m	30.155	ng/ul	
16) Acetophenone	8.58	105	222876	44.274	ng/ul	92
17) N-Nitroso-di-n-propylamine	8.57	70	93065	38.696	ng/ul	97
18) 4-Methylphenol	8.53	108	142066	41.352	ng/ul	96
19) Hexachloroethane	8.83	117	65903	44.025	ng/ul	99
22) Nitrobenzene	8.96	77	162418	43.930	ng/ul	100
23) Isophorone	9.48	82	281100	40.921	ng/ul	99
25) 2-Nitrophenol	9.66	139	83561	46.630	ng/ul	98
26) 2,4-Dimethylphenol	9.73	107	169849	50.038	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.96	93	166736	38.478	ng/ul	99
29) 2,4-Dichlorophenol	10.20	162	137550	44.130	ng/ul	96
30) Naphthalene	10.60	128	445903	41.773	ng/ul	99
32) 4-Chloroaniline	10.71	127	177223	42.567	ng/ul	95
33) Hexachlorobutadiene	10.88	225	104362	44.957	ng/ul	99
34) Caprolactam	11.50	113	41488m	40.302	ng/ul	

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35) 4-Chloro-3-methylphenol	11.85	107	148790	48.688	ng/ul	99
36) 2-Methylnaphthalene	12.22	142	312918	42.466	ng/ul	98
37) 1-Methylnaphthalene	12.43	142	308765	43.500	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	178137	42.197	ng/ul	98
40) Hexachlorocyclopentadiene	12.56	237	120060	57.221	ng/ul	96
41) 2,4,6-Trichlorophenol	12.83	196	113089	46.077	ng/ul	100
42) 2,4,5-Trichlorophenol	12.91	196	120711	46.766	ng/ul	93
43) 1,1'-Biphenyl	13.23	154	398351	42.042	ng/ul	99
44) 2-Chloronaphthalene	13.27	162	315980	41.629	ng/ul	98
45) 2-Nitroaniline	13.49	65	90076	51.277	ng/ul	96
47) Dimethylphthalate	13.86	163	381292	41.277	ng/ul	99
48) 2,6-Dinitrotoluene	13.99	165	82933	44.004	ng/ul	93
50) Acenaphthylene	14.12	152	455168	40.849	ng/ul	99
51) 3-Nitroaniline	14.32	138	76658	49.064	ng/ul	92
52) Acenaphthene	14.47	153	325849	41.522	ng/ul	97
53) 2,4-Dinitrophenol	14.52	184	47923	50.125	ng/ul	98
55) 4-Nitrophenol	14.65	109	67419	60.600	ng/ul	95
56) Dibenzofuran	14.80	168	459412	41.171	ng/ul	98
57) 2,4-Dinitrotoluene	14.77	165	116381	42.806	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.03	232	104908	46.118	ng/ul	97
59) Diethylphthalate	15.23	149	381765	42.274	ng/ul	98
61) Fluorene	15.46	166	381467	42.519	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.45	204	202300	41.545	ng/ul	98
63) 4-Nitroaniline	15.49	138	75313	54.190	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.54	198	70887	45.737	ng/ul#	96
67) N-Nitrosodiphenylamine	15.67	169	318077	45.316	ng/ul	99
68) 4-Bromophenyl-phenylether	16.35	248	123033	42.185	ng/ul	98
69) Hexachlorobenzene	16.46	284	134682	39.664	ng/ul	98
70) Atrazine	16.63	200	127528	46.464	ng/ul	100
71) Pentachlorophenol	16.82	266	79266	48.317	ng/ul	96
72) Phenanthrene	17.20	178	573611	41.492	ng/ul	98
74) Anthracene	17.30	178	591477	42.529	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	179921	46.350	ng/uL	99
76) Pentachlorobenzene	14.72	250	179073	45.793	ng/uL	98
77) Carbazole	17.57	167	504345	43.716	ng/ul	99
78) Di-n-butylphthalate	18.13	149	636599	45.843	ng/ul	99
80) Fluoranthene	19.17	202	679472	42.842	ng/ul	99
82) Pyrene	19.53	202	691687	42.135	ng/ul	99
83) Butylbenzylphthalate	20.40	149	282110	48.429	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.17	252	249267	48.248	ng/ul	96
85) Benzo(a)anthracene	21.24	228	665329	41.075	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.16	149	424018	48.113	ng/ul	98
87) Chrysene	21.29	228	652840	41.246	ng/ul	99
89) Di-n-octyl phthalate	22.05	149	693368	52.179	ng/ul	100
90) Benzo(b)fluoranthene	22.86	252	672692	45.073	ng/ul	99
91) Benzo(k)fluoranthene	22.90	252	654392	43.438	ng/ul	100
93) Benzo(a)pyrene	23.46	252	590996	42.398	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.93	276	754022	42.904	ng/ul	99
95) Dibenzo(a,h)anthracene	25.94	278	638983	43.781	ng/ul	99
96) Benzo(g,h,i)perylene	26.65	276	616646	41.659	ng/ul	98

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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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