Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030821\
Data File : BP004929.D
Acq On : 08 Mar 2021 09:43
Operator : CG/JU
Sample : SSTD00502
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD005020

Manual Integrations APPROVED
mohammad
3/9/2021 12:19:19 PM

Quant Time: Mar 08 11:41:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP030821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 08 11:29:05 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	24520	20.00	ng/ul	0.00
20) Naphthalene-d8	10.53	136	98673	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	66104	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.15	188	156092	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	191089	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	201188	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1264	2.01	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	0.00	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.28	132	7116	4.37	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	8.90	128	3168	4.02	ng/ul	0.00
24) 2-Nitrophenol-d4	9.62	143	3537	4.01	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.16	165	6901	4.07	ng/ul	0.00
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.80	166	23953	4.53	ng/ul	0.00
49) Acenaphthylene-d8	14.08	160	24405	4.10	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.39	176	20626	4.48	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.25	188	33048m	4.35	ng/ul	0.00
81) Pyrene-d10	19.49	212	39646	4.18	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.38	264	45368	4.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	1486	2.294	ng/uL	92
12) 2-Chlorophenol	7.30	128	7236	4.203	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.55	70	5727	4.301	ng/ul#	89
19) Hexachloroethane	8.82	117	3599	4.721	ng/ul#	84
22) Nitrobenzene	8.94	77	9211	4.494	ng/ul	94
23) Isophorone	9.47	82	15286	4.300	ng/ul	97
25) 2-Nitrophenol	9.65	139	3673	3.821	ng/ul	95
26) 2,4-Dimethylphenol	9.72	107	9454	4.418	ng/ul	91
27) Bis(2-Chloroethoxy)methane	9.95	93	9670	4.462	ng/ul#	93
29) 2,4-Dichlorophenol	10.19	162	6635	3.901	ng/ul	90
30) Naphthalene	10.58	128	25416	4.526	ng/ul	97
33) Hexachlorobutadiene	10.87	225	5860	4.532	ng/ul	95
35) 4-Chloro-3-methylphenol	11.83	107	7803	4.046	ng/ul	86
36) 2-Methylnaphthalene	12.20	142	17435	4.300	ng/ul	96
37) 1-Methylnaphthalene	12.42	142	17832	4.421	ng/ul#	98
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	10702	4.422	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.82	196	5896	4.019	ng/ul	100
42) 2,4,5-Trichlorophenol	12.89	196	6308	4.019	ng/ul	99
43) 1,1'-Biphenyl	13.22	154	24590	4.634	ng/ul	97
44) 2-Chloronaphthalene	13.26	162	19198	4.577	ng/ul	98
45) 2-Nitroaniline	13.47	65	4607	4.061	ng/ul	88
47) Dimethylphthalate	13.85	163	23999	4.403	ng/ul#	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 2,6-Dinitrotoluene	13.97	165	4028	3.705 ng/ul#	95
50) Acenaphthylene	14.11	152	26652	4.321 ng/ul#	97
52) Acenaphthene	14.45	153	20136	4.476 ng/ul	94
56) Dibenzofuran	14.79	168	29851	4.587 ng/ul	90
57) 2,4-Dinitrotoluene	14.76	165	6344	4.074 ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.02	232	5911	4.098 ng/ul	91
59) Diethylphthalate	15.22	149	24455	4.458 ng/ul	98
61) Fluorene	15.45	166	23952	4.364 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.44	204	13637	4.621 ng/ul	91
67) N-Nitrosodiphenylamine	15.66	169	20158	4.153 ng/ul	92
68) 4-Bromophenyl-phenylether	16.34	248	8320	4.500 ng/ul	94
69) Hexachlorobenzene	16.45	284	9972	4.586 ng/ul	98
72) Phenanthrene	17.19	178	41145	4.524 ng/ul	99
74) Anthracene	17.28	178	41486	4.464 ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.18	216	11333	4.407 ng/uL	95
76) Pentachlorobenzene	14.71	250	11343	4.196 ng/uL	98
78) Di-n-butylphthalate	18.12	149	36304	3.813 ng/ul	98
80) Fluoranthene	19.16	202	50029	4.224 ng/ul	97
82) Pyrene	19.52	202	53464	4.334 ng/ul#	94
83) Butylbenzylphthalate	20.39	149	16384	3.508 ng/ul	96
85) Benzo(a)anthracene	21.22	228	54872	4.318 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.15	149	24033	3.451 ng/ul	97
87) Chrysene	21.27	228	55571	4.455 ng/ul	98
90) Benzo(b)fluoranthene	22.83	252	56833	4.122 ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	60036	4.437 ng/ul	99
93) Benzo(a)pyrene	23.43	252	51250	4.226 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.87	276	67316	4.290 ng/ul	96
95) Dibenzo(a,h)anthracene	25.89	278	58252	4.319 ng/ul#	96
96) Benzo(g,h,i)perylene	26.59	276	55694	4.265 ng/ul	95

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

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