Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034570.D
Acq On : 08 Apr 2022 20:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020106

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022

Quant Time: Apr 09 04:12:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 14:30:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	113773	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.689	136	465282	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.524	164	278820	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	561094	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.441	240	555417	20.000	ng/ul	# 0.00
88) Perylene-d12	23.829	264	580727	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	25493	7.990	ng/uL	0.00
4) Pyridine-d5	3.678	84	144668	18.788	ng/ul	0.00
7) Phenol-d5	7.036	99	181843	19.203	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	127430	20.195	ng/ul	0.00
11) 2-Chlorophenol-d4	7.407	132	152408	20.820	ng/ul	0.00
15) 4-Methylphenol-d8	8.589	113	146815	19.848	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	71713m	20.971	ng/ul	0.00
24) 2-Nitrophenol-d4	9.766	143	72967	20.495	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	140596m	20.972	ng/ul	0.00
31) 4-Chloroaniline-d4	10.824	131	178850	19.338	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	408502	20.276	ng/ul	0.00
49) Acenaphthylene-d8	14.218	160	533589	20.606	ng/ul	0.00
54) 4-Nitrophenol-d4	14.718	143	54895m	17.870	ng/ul	0.00
60) Fluorene-d10	15.512	176	349361	20.066	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	61817	18.047	ng/ul	0.00
73) Anthracene-d10	17.365	188	540201	20.194	ng/ul	0.00
81) Pyrene-d10	19.653	212	622841	20.546	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.671	264	582222	19.931	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	25767	8.021	ng/uL#	80
5) Pyridine	3.701	79	165881	19.716	ng/ul#	76
6) Benzaldehyde	7.007	77	128837	22.192	ng/ul	90
8) Phenol	7.066	94	186203	19.464	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.295	93	156450	20.265	ng/ul	88
12) 2-Chlorophenol	7.436	128	155290	20.811	ng/ul#	88
13) 2-Methylphenol	8.325	108	140906	19.925	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.419	45	237109	20.541	ng/ul#	86
16) Acetophenone	8.701	105	229892	19.911	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.689	70	127789	20.794	ng/ul#	87
18) 4-Methylphenol	8.654	108	150540	20.010	ng/ul	99
19) Hexachloroethane	8.960	117	67582	20.136	ng/ul#	80
22) Nitrobenzene	9.083	77	185173	20.656	ng/ul	93
23) Isophorone	9.613	82	326896	20.535	ng/ul	94
25) 2-Nitrophenol	9.801	139	79629	20.882	ng/ul#	88
26) 2,4-Dimethylphenol	9.860	107	173137	20.456	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.095	93	199036	20.781	ng/ul	98
29) 2,4-Dichlorophenol	10.336	162	135630	20.499	ng/ul	95
30) Naphthalene	10.736	128	487378	20.121	ng/ul	99
32) 4-Chloroaniline	10.848	127	175856	18.979	ng/ul	99
33) Hexachlorobutadiene	11.030	225	93774	20.159	ng/ul	98
34) Caprolactam	11.613	113	43092m	20.048	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	146777	21.370	ng/ul	88
36) 2-Methylnaphthalene	12.354	142	319336	20.570	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.571	142	326049	20.471	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.724	216	165918	19.881	ng/ul#	97
40) Hexachlorocyclopentadiene	12.707	237	100134	18.283	ng/ul	97
41) 2,4,6-Trichlorophenol	12.960	196	103916	20.497	ng/ul	94
42) 2,4,5-Trichlorophenol	13.036	196	107631	20.487	ng/ul	96
43) 1,1'-Biphenyl	13.360	154	427424	20.237	ng/ul#	97
44) 2-Chloronaphthalene	13.401	162	324926	20.038	ng/ul	97
45) 2-Nitroaniline	13.607	65	93596	21.168	ng/ul	85
47) Dimethylphthalate	13.983	163	404492	20.402	ng/ul	99
48) 2,6-Dinitrotoluene	14.101	165	80993	21.264	ng/ul	92
50) Acenaphthylene	14.248	152	535438	20.368	ng/ul	99
51) 3-Nitroaniline	14.430	138	67948	20.404	ng/ul	85
52) Acenaphthene	14.589	153	351862	20.104	ng/ul	98
53) 2,4-Dinitrophenol	14.642	184	34816	16.220	ng/ul#	87
55) 4-Nitrophenol	14.730	109	45337	17.282	ng/ul#	82
56) Dibenzofuran	14.924	168	487344	20.488	ng/ul	97
57) 2,4-Dinitrotoluene	14.889	165	113977	21.500	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.148	232	96862	21.000	ng/ul#	85
59) Diethylphthalate	15.342	149	413152	20.516	ng/ul	97
61) Fluorene	15.571	166	405637	20.211	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.565	204	194007	20.027	ng/ul	91
63) 4-Nitroaniline	15.589	138	60982m	20.797	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.648	198	62440	18.282	ng/ul#	90
67) N-Nitrosodiphenylamine	15.777	169	340672	20.379	ng/ul	99
68) 4-Bromophenyl-phenylether	16.459	248	118053	20.354	ng/ul#	93
69) Hexachlorobenzene	16.577	284	139406	20.013	ng/ul#	93
70) Atrazine	16.730	200	122384	19.563	ng/ul	98
71) Pentachlorophenol	16.924	266	78447	18.392	ng/ul	99
72) Phenanthrene	17.306	178	629708	20.113	ng/ul	99
74) Anthracene	17.400	178	634524	20.452	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.330	216	175453	19.910	ng/uL	98
76) Pentachlorobenzene	14.848	250	163767	19.803	ng/uL	98
77) Carbazole	17.671	167	494091	19.251	ng/ul	98
78) Di-n-butylphthalate	18.236	149	665580	20.432	ng/ul	99
80) Fluoranthene	19.324	202	698780	20.829	ng/ul#	90
82) Pyrene	19.683	202	755214	20.711	ng/ul#	87
83) Butylbenzylphthalate	20.583	149	293064	20.530	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.365	252	192752	19.802	ng/ul#	98
85) Benzo(a)anthracene	21.430	228	650173	20.132	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.359	149	429655	20.111	ng/ul#	96
87) Chrysene	21.483	228	693651	19.919	ng/ul	99
89) Di-n-octyl phthalate	22.277	149	737199	19.068	ng/ul	100
90) Benzo(b)fluoranthene	23.100	252	685143	19.855	ng/ul#	97
91) Benzo(k)fluoranthene	23.147	252	745426	20.570	ng/ul#	95
93) Benzo(a)pyrene	23.718	252	696445	20.421	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.306	276	729854	19.997	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.318	278	607175	20.293	ng/ul#	96
96) Benzo(g,h,i)perylene	27.065	276	686927	19.608	ng/ul#	94

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

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