Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042934.D
Acq On : 20 Nov 2023 18:42
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020157

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 20 23:37:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	28373	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	112131	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.468	164	73551	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	162245	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	187158	20.000	ng/ul	0.00
88) Perylene-d12	23.762	264	209833	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	6810	7.531	ng/uL	0.00
4) Pyridine-d5	3.610	84	47861	21.279	ng/ul	0.00
7) Phenol-d5	6.981	99	56922	20.613	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	41668	21.474	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	41850	19.641	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	42388	19.495	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	19846	20.187	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	22004	19.133	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	43719	20.445	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	51598	19.004	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	128983	18.529	ng/ul	0.00
49) Acenaphthylene-d8	14.168	160	146433	19.660	ng/ul	0.00
54) 4-Nitrophenol-d4	14.721	143	12039m	15.308	ng/ul	0.00
60) Fluorene-d10	15.463	176	110861	19.232	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.615	200	10085	8.206	ng/ul	0.00
73) Anthracene-d10	17.321	188	177476m	19.519	ng/ul	0.00
81) Pyrene-d10	19.621	212	214968	17.540	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.609	264	248871	19.828	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	7903	8.207	ng/uL#	84
5) Pyridine	3.628	79	52662	21.532	ng/ul	96
6) Benzaldehyde	6.975	77	40616	25.636	ng/ul	90
8) Phenol	7.010	94	58198	21.188	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.251	93	45467	20.039	ng/ul	93
12) 2-Chlorophenol	7.363	128	42746	20.158	ng/ul#	87
13) 2-Methylphenol	8.263	108	40358	19.703	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	93407m	22.615	ng/ul	
16) Acetophenone	8.663	105	70654	19.326	ng/ul	88
17) N-Nitroso-di-n-propyla...	8.628	70	44738	20.102	ng/ul	94
18) 4-Methylphenol	8.598	108	43546	19.554	ng/ul	99
19) Hexachloroethane	8.863	117	22234	18.812	ng/ul	91
22) Nitrobenzene	9.057	77	63789	21.468	ng/ul	94
23) Isophorone	9.557	82	120288	20.326	ng/ul	97
25) 2-Nitrophenol	9.757	139	22425	19.192	ng/ul	93
26) 2,4-Dimethylphenol	9.798	107	48413	19.365	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.051	93	60122	20.105	ng/ul	98
29) 2,4-Dichlorophenol	10.275	162	40902	20.202	ng/ul	95
30) Naphthalene	10.675	128	138215	19.675	ng/ul	99
32) 4-Chloroaniline	10.822	127	49744	19.097	ng/ul	96
33) Hexachlorobutadiene	10.892	225	35550	19.878	ng/ul	98
34) Caprolactam	11.651	113	11473m	19.112	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	42710	19.687	ng/ul	94
36) 2-Methylnaphthalene	12.286	142	89201	18.946	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.504	142	96588	19.512	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.639	216	61048	21.164	ng/ul	96
40)	Hexachlorocyclopentadiene	12.574	237	9010	6.598	ng/ul	95
41)	2,4,6-Trichlorophenol	12.898	196	36430	20.676	ng/ul	94
42)	2,4,5-Trichlorophenol	12.980	196	37712	22.166	ng/ul	99
43)	1,1'-Biphenyl	13.304	154	122147	19.913	ng/ul	97
44)	2-Chloronaphthalene	13.351	162	99248	20.113	ng/ul	96
45)	2-Nitroaniline	13.604	65	35560	22.097	ng/ul	91
47)	Dimethylphthalate	13.939	163	126872	18.712	ng/ul	99
48)	2,6-Dinitrotoluene	14.092	165	23720	18.622	ng/ul	95
50)	Acenaphthylene	14.198	152	167167	20.030	ng/ul	100
51)	3-Nitroaniline	14.433	138	19379	18.605	ng/ul	99
52)	Acenaphthene	14.533	153	110350	19.551	ng/ul	97
53)	2,4-Dinitrophenol	14.657	184	5050m	7.973	ng/ul	
55)	4-Nitrophenol	14.739	109	23938	19.342	ng/ul	100
56)	Dibenzofuran	14.868	168	153298	19.568	ng/ul	97
57)	2,4-Dinitrotoluene	14.880	165	34208	18.293	ng/ul#	92
58)	2,3,4,6-Tetrachlorophenol	15.092	232	34076	19.295	ng/ul#	96
59)	Diethylphthalate	15.286	149	129434	18.205	ng/ul	99
61)	Fluorene	15.515	166	129149	19.418	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.510	204	70633	19.705	ng/ul	97
63)	4-Nitroaniline	15.604	138	19060m	20.072	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.633	198	10992	8.785	ng/ul	98
67)	N-Nitrosodiphenylamine	15.739	169	98490	19.355	ng/ul	98
68)	4-Bromophenyl-phenylether	16.404	248	41766	19.340	ng/ul	95
69)	Hexachlorobenzene	16.486	284	52106	19.736	ng/ul	97
70)	Atrazine	16.692	200	36218	18.478	ng/ul	97
71)	Pentachlorophenol	16.862	266	27920	18.365	ng/ul	97
72)	Phenanthrene	17.268	178	199305	19.663	ng/ul	99
74)	Anthracene	17.357	178	205660	20.172	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.257	216	60877	21.220	ng/uL	99
76)	Pentachlorobenzene	14.763	250	62299	20.696	ng/uL	95
77)	Carbazole	17.651	167	164151	19.499	ng/ul	100
78)	Di-n-butylphthalate	18.168	149	228716	18.579	ng/ul	98
80)	Fluoranthene	19.280	202	246528	17.642	ng/ul	99
82)	Pyrene	19.650	202	269171	18.167	ng/ul	99
83)	Butylbenzylphthalate	20.533	149	110642	17.483	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.339	252	94611	19.752	ng/ul	98
85)	Benzo(a)anthracene	21.392	228	290132	19.748	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.274	149	176924	18.426	ng/ul	97
87)	Chrysene	21.444	228	276697	19.419	ng/ul	98
89)	Di-n-octyl phthalate	22.180	149	313850	18.516	ng/ul	100
90)	Benzo(b)fluoranthene	23.038	252	288431m	20.142	ng/ul	
91)	Benzo(k)fluoranthene	23.086	252	294449	19.316	ng/ul	99
93)	Benzo(a)pyrene	23.662	252	275055	19.712	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.221	276	342982	19.778	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.232	278	281407	19.573	ng/ul	97
96)	Benzo(g,h,i)perylene	26.991	276	274213	19.913	ng/ul	98

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

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