Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039633.D
Acq On : 25 Apr 2023 10:41
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020124

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

Quant Time: Apr 25 22:47:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 25 22:38:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	232248	20.000	ng/ul	0.00
20) Naphthalene-d8	10.613	136	1027376	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.466	164	626688	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.218	188	1258910	20.000	ng/ul	0.00
79) Chrysene-d12	21.418	240	940496	20.000	ng/ul	0.00
88) Perylene-d12	23.777	264	863371	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	53063	8.770	ng/uL	0.00
4) Pyridine-d5	3.625	84	344384	20.257	ng/ul	0.00
7) Phenol-d5	6.990	99	443992	20.887	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.143	67	311579	22.177	ng/ul	0.00
11) 2-Chlorophenol-d4	7.343	132	355184	21.301	ng/ul	0.00
15) 4-Methylphenol-d8	8.537	113	351175	20.509	ng/ul	0.00
21) Nitrobenzene-d5	8.978	128	179015	21.658	ng/ul	0.00
24) 2-Nitrophenol-d4	9.701	143	197749	21.306	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.248	165	337849	21.155	ng/ul	0.00
31) 4-Chloroaniline-d4	10.766	131	481250	20.177	ng/ul	0.00
46) Dimethylphthalate-d6	13.883	166	1047611	20.728	ng/ul	0.00
49) Acenaphthylene-d8	14.160	160	1228395	21.634	ng/ul	0.00
54) 4-Nitrophenol-d4	14.713	143	109454	14.309	ng/ul	0.00
60) Fluorene-d10	15.460	176	877121	21.182	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.601	200	164922	19.714	ng/ul	0.00
73) Anthracene-d10	17.318	188	1307309	21.593	ng/ul	0.00
81) Pyrene-d10	19.618	212	1392612	22.283	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.624	264	996506	21.378	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	59252	8.949	ng/uL	94
5) Pyridine	3.649	79	357265	19.930	ng/ul	99
6) Benzaldehyde	6.954	77	248311m	27.342	ng/ul	
8) Phenol	7.019	94	477400	21.571	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.237	93	391646	21.225	ng/ul	96
12) 2-Chlorophenol	7.372	128	357727	21.320	ng/ul	95
13) 2-Methylphenol	8.272	108	355293	20.669	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.342	45	587888	22.939	ng/ul	97
16) Acetophenone	8.642	105	597292	21.237	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.625	70	337558	21.685	ng/ul	94
18) 4-Methylphenol	8.601	108	391370	21.088	ng/ul	97
19) Hexachloroethane	8.878	117	161530	21.196	ng/ul	93
22) Nitrobenzene	9.025	77	461550	22.616	ng/ul	95
23) Isophorone	9.548	82	947557	21.773	ng/ul	99
25) 2-Nitrophenol	9.736	139	208216	21.501	ng/ul	93
26) 2,4-Dimethylphenol	9.801	107	437052	22.085	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.036	93	544174	21.265	ng/ul	99
29) 2,4-Dichlorophenol	10.278	162	339462	21.579	ng/ul	98
30) Naphthalene	10.666	128	1236198	21.747	ng/ul	99
32) 4-Chloroaniline	10.789	127	484186	20.602	ng/ul	98
33) Hexachlorobutadiene	10.942	225	216634	20.899	ng/ul	99
34) Caprolactam	11.578	113	111320m	19.002	ng/ul	
35) 4-Chloro-3-methylphenol	11.930	107	385870	21.009	ng/ul	98
36) 2-Methylnaphthalene	12.283	142	802371	21.056	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.501	142	809313	21.134	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.654	216	412493	21.928	ng/ul	99
40)	Hexachlorocyclopentadiene	12.624	237	157121	14.019	ng/ul	99
41)	2,4,6-Trichlorophenol	12.907	196	265585	21.134	ng/ul	99
42)	2,4,5-Trichlorophenol	12.989	196	273244	20.921	ng/ul	97
43)	1,1'-Biphenyl	13.301	154	1068221	22.056	ng/ul	100
44)	2-Chloronaphthalene	13.342	162	830634	21.864	ng/ul	99
45)	2-Nitroaniline	13.566	65	250561	22.854	ng/ul	95
47)	Dimethylphthalate	13.930	163	1042951	20.842	ng/ul	100
48)	2,6-Dinitrotoluene	14.060	165	207884	20.541	ng/ul	98
50)	Acenaphthylene	14.189	152	1342975	22.112	ng/ul	100
51)	3-Nitroaniline	14.395	138	176268	18.582	ng/ul	99
52)	Acenaphthene	14.530	153	911682	21.802	ng/ul	99
53)	2,4-Dinitrophenol	14.618	184	77626m	14.409	ng/ul	
55)	4-Nitrophenol	14.724	109	91382	15.728	ng/ul	90
56)	Dibenzofuran	14.866	168	1245364	21.911	ng/ul	99
57)	2,4-Dinitrotoluene	14.854	165	292190	20.778	ng/ul#	82
58)	2,3,4,6-Tetrachlorophenol	15.101	232	242242	20.720	ng/ul	97
59)	Diethylphthalate	15.295	149	1054981	20.338	ng/ul	100
61)	Fluorene	15.518	166	1034154	21.995	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.513	204	505771	21.703	ng/ul	98
63)	4-Nitroaniline	15.560	138	147890	20.330	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.618	198	160314	19.932	ng/ul	95
67)	N-Nitrosodiphenylamine	15.730	169	829427	22.113	ng/ul	99
68)	4-Bromophenyl-phenylether	16.407	248	289043	21.258	ng/ul	99
69)	Hexachlorobenzene	16.518	284	334536	21.417	ng/ul	94
70)	Atrazine	16.689	200	289802	20.822	ng/ul	98
71)	Pentachlorophenol	16.877	266	163400	17.894	ng/ul	98
72)	Phenanthrene	17.265	178	1509966	21.604	ng/ul	99
74)	Anthracene	17.354	178	1546338	22.054	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.260	216	425129	22.675	ng/uL	100
76)	Pentachlorobenzene	14.783	250	419114	22.711	ng/uL	99
77)	Carbazole	17.636	167	1323987	21.250	ng/ul	100
78)	Di-n-butylphthalate	18.189	149	1705841	19.357	ng/ul	99
80)	Fluoranthene	19.283	202	1655775	22.604	ng/ul	99
82)	Pyrene	19.648	202	1728374	22.792	ng/ul	99
83)	Butylbenzylphthalate	20.548	149	669609	18.707	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.342	252	417118	20.000	ng/ul	99
85)	Benzo(a)anthracene	21.400	228	1430028	21.022	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.324	149	895481	16.822	ng/ul	99
87)	Chrysene	21.453	228	1365878	21.050	ng/ul	100
89)	Di-n-octyl phthalate	22.236	149	1422876	16.403	ng/ul	100
90)	Benzo(b)fluoranthene	23.059	252	1240911	20.427	ng/ul	99
91)	Benzo(k)fluoranthene	23.106	252	1263815	21.184	ng/ul	99
93)	Benzo(a)pyrene	23.671	252	1087988	21.247	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.224	276	1335719	23.715	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.235	278	1112851	23.830	ng/ul	99
96)	Benzo(g,h,i)perylene	26.977	276	1079688	24.064	ng/ul	98

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

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