Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036481.D
Acq On : 01 Sep 2022 20:01
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 02 01:38:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 02 01:33:23 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020165

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/02/2022
Supervised By :Sohil Jodhani 09/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	197369	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	957270	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.374	164	711531	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1524723	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1560596	20.000	ng/ul	0.00
88) Perylene-d12	23.603	264	1492732	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	38617	7.457	ng/uL	0.00
4) Pyridine-d5	3.557	84	282488	19.780	ng/ul	0.00
7) Phenol-d5	6.904	99	298378	17.711	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	198128	18.683	ng/ul	0.00
11) 2-Chlorophenol-d4	7.257	132	241903	18.275	ng/ul	0.00
15) 4-Methylphenol-d8	8.451	113	243796	19.381	ng/ul	0.00
21) Nitrobenzene-d5	8.898	128	125794	17.332	ng/ul	0.00
24) 2-Nitrophenol-d4	9.616	143	132799	18.039	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	247256	18.796	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	396539	19.445	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	856888	19.036	ng/ul	0.00
49) Acenaphthylene-d8	14.068	160	1024642	18.250	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	162186	19.015	ng/ul	0.00
60) Fluorene-d10	15.368	176	786862	19.344	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	130221	16.612	ng/ul	0.00
73) Anthracene-d10	17.221	188	1250289	18.442	ng/ul	0.00
81) Pyrene-d10	19.515	212	1430585	17.672	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.456	264	1352686	18.482	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	42321	7.759	ng/uL	97
5) Pyridine	3.575	79	296288	20.083	ng/ul	98
6) Benzaldehyde	6.875	77	155625	22.489	ng/ul	93
8) Phenol	6.934	94	311380	17.777	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.163	93	258402	18.444	ng/ul	98
12) 2-Chlorophenol	7.287	128	253215	18.294	ng/ul	98
13) 2-Methylphenol	8.181	108	241992	18.742	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.263	45	374780m	19.995	ng/ul	
16) Acetophenone	8.557	105	403202	19.929	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.545	70	210673	20.921	ng/ul	97
18) 4-Methylphenol	8.510	108	271937	19.676	ng/ul	99
19) Hexachloroethane	8.792	117	107615	18.583	ng/ul	84
22) Nitrobenzene	8.939	77	309162	17.978	ng/ul	97
23) Isophorone	9.463	82	593766	19.443	ng/ul	97
25) 2-Nitrophenol	9.645	139	149384	18.213	ng/ul	93
26) 2,4-Dimethylphenol	9.710	107	307715	18.760	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.951	93	376339	18.929	ng/ul	99
29) 2,4-Dichlorophenol	10.180	162	254057	18.877	ng/ul	99
30) Naphthalene	10.575	128	921259	18.336	ng/ul	99
32) 4-Chloroaniline	10.698	127	408889	19.713	ng/ul	99
33) Hexachlorobutadiene	10.851	225	155364	18.375	ng/ul	98
34) Caprolactam	11.486	113	93837	23.271	ng/ul	95
35) 4-Chloro-3-methylphenol	11.833	107	315924	23.217	ng/ul	99
36) 2-Methylnaphthalene	12.192	142	695280	22.056	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.410	142	711058	22.398	ng/ul#	100
39)	1,2,4,5-Tetrachloroben...	12.563	216	334469	17.007	ng/ul	98
40)	Hexachlorocyclopentadiene	12.533	237	256389	21.975	ng/ul	97
41)	2,4,6-Trichlorophenol	12.810	196	222405	17.972	ng/ul	97
42)	2,4,5-Trichlorophenol	12.886	196	234278	17.847	ng/ul	97
43)	1,1'-Biphenyl	13.210	154	942413	17.610	ng/ul	99
44)	2-Chloronaphthalene	13.251	162	716027	17.437	ng/ul	99
45)	2-Nitroaniline	13.474	65	215939	19.419	ng/ul	95
47)	Dimethylphthalate	13.845	163	883531	19.068	ng/ul	99
48)	2,6-Dinitrotoluene	13.974	165	172049	19.680	ng/ul	91
50)	Acenaphthylene	14.098	152	1217262	18.385	ng/ul	100
51)	3-Nitroaniline	14.304	138	186393	19.495	ng/ul	100
52)	Acenaphthene	14.439	153	788908	18.281	ng/ul	98
53)	2,4-Dinitrophenol	14.515	184	90335	18.960	ng/ul	94
55)	4-Nitrophenol	14.615	109	134214	19.916	ng/ul	81
56)	Dibenzofuran	14.774	168	1120355	18.711	ng/ul	96
57)	2,4-Dinitrotoluene	14.763	165	253755	20.466	ng/ul#	84
58)	2,3,4,6-Tetrachlorophenol	15.004	232	200167	20.084	ng/ul#	90
59)	Diethylphthalate	15.210	149	935811	20.488	ng/ul	99
61)	Fluorene	15.427	166	931300	19.609	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.421	204	435919	19.649	ng/ul	99
63)	4-Nitroaniline	15.468	138	187368m	21.008	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.521	198	132653	16.738	ng/ul	95
67)	N-Nitrosodiphenylamine	15.645	169	767144	17.599	ng/ul	99
68)	4-Bromophenyl-phenylether	16.315	248	249811	17.694	ng/ul	93
69)	Hexachlorobenzene	16.421	284	301126	17.600	ng/ul	94
70)	Atrazine	16.598	200	268001	17.994	ng/ul	98
71)	Pentachlorophenol	16.774	266	198163	21.009	ng/ul	100
72)	Phenanthrene	17.162	178	1457385	18.182	ng/ul	99
74)	Anthracene	17.256	178	1500141	18.668	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.169	216	347656	15.196	ng/uL	98
76)	Pentachlorobenzene	14.692	250	352035	16.480	ng/uL	99
77)	Carbazole	17.533	167	1380245	18.344	ng/ul	99
78)	Di-n-butylphthalate	18.098	149	1650145	20.052	ng/ul	99
80)	Fluoranthene	19.186	202	1712314	17.502	ng/ul	97
82)	Pyrene	19.545	202	1803169	17.661	ng/ul	99
83)	Butylbenzylphthalate	20.456	149	731351	19.148	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.233	252	566758	17.636	ng/ul	99
85)	Benzo(a)anthracene	21.297	228	1739192	18.545	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.227	149	1113361	21.112	ng/ul#	98
87)	Chrysene	21.344	228	1681425	18.247	ng/ul	99
89)	Di-n-octyl phthalate	22.121	149	1846071	20.804	ng/ul	100
90)	Benzo(b)fluoranthene	22.903	252	1730959	19.019	ng/ul	98
91)	Benzo(k)fluoranthene	22.950	252	1646250	19.013	ng/ul	99
93)	Benzo(a)pyrene	23.503	252	1648406	18.411	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	25.968	276	1663619	15.804	ng/ul	95
95)	Dibenzo(a,h)anthracene	25.985	278	1427868	15.746	ng/ul	97
96)	Benzo(g,h,i)perylene	26.697	276	1314339	14.600	ng/ul	96

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

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