Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121222\
Data File : BM037960.D
Acq On : 12 Dec 2022 09:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 00:54:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020074

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/13/2022
Supervised By :mohammad ahmed 12/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	146373	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	631172	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	394102	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	770277	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	682266	20.000	ng/ul	0.00
88) Perylene-d12	24.097	264	722346	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	22958	7.122	ng/uL	0.00
4) Pyridine-d5	3.852	84	177856	18.598	ng/ul	0.00
7) Phenol-d5	7.228	99	216041	18.163	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.398	67	131248	18.121	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	187584	19.225	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	174722	18.818	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	95765	19.163	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	100197	19.132	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	197531	19.858	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.033	131	243931	17.765	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	549665	19.563	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	662555	19.294	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.898	143	64610	13.493	ng/ul	0.00
60) Fluorene-d10	15.692	176	488464	19.513	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	58599	14.229	ng/ul	0.00
73) Anthracene-d10	17.545	188	705514	19.625	ng/ul	0.00
81) Pyrene-d10	19.827	212	737482	17.994	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	712319	19.743	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	23716	7.013	ng/uL#	85
5) Pyridine	3.875	79	176245	18.339	ng/ul	98
6) Benzaldehyde	7.210	77	83558	18.782	ng/ul	99
8) Phenol	7.257	94	215401	18.057	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.493	93	177569	18.127	ng/ul	97
12) 2-Chlorophenol	7.634	128	197373	19.779	ng/ul	99
13) 2-Methylphenol	8.516	108	168433	18.450	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.604	45	324367	18.338	ng/ul	99
16) Acetophenone	8.910	105	281082	19.249	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.892	70	133410	19.394	ng/ul	98
18) 4-Methylphenol	8.851	108	185633	18.797	ng/ul	100
19) Hexachloroethane	9.163	117	77428	19.408	ng/ul	95
22) Nitrobenzene	9.292	77	205442	19.106	ng/ul	98
23) Isophorone	9.822	82	364220	18.485	ng/ul	98
25) 2-Nitrophenol	10.004	139	105173	19.156	ng/ul#	89
26) 2,4-Dimethylphenol	10.057	107	208138	19.603	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.298	93	241062	18.404	ng/ul	96
29) 2,4-Dichlorophenol	10.539	162	194035	19.882	ng/ul	97
30) Naphthalene	10.945	128	653716	19.192	ng/ul	99
32) 4-Chloroaniline	11.057	127	245971	17.964	ng/ul	100
33) Hexachlorobutadiene	11.228	225	137363	21.395	ng/ul	96
34) Caprolactam	11.839	113	43120m	17.224	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	171860	19.346	ng/ul	99
36) 2-Methylnaphthalene	12.545	142	439694	19.903	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	452448	20.029	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	256207	19.897	ng/ul	99
40) Hexachlorocyclopentadiene	12.880	237	79604	10.807	ng/ul	97
41) 2,4,6-Trichlorophenol	13.145	196	147668	18.827	ng/ul	96
42) 2,4,5-Trichlorophenol	13.216	196	156588	19.142	ng/ul	99
43) 1,1'-Biphenyl	13.545	154	597905	18.874	ng/ul	99
44) 2-Chloronaphthalene	13.586	162	469589	19.216	ng/ul	98
45) 2-Nitroaniline	13.792	65	106912	18.157	ng/ul	98
47) Dimethylphthalate	14.157	163	544167	19.630	ng/ul	99
48) 2,6-Dinitrotoluene	14.280	165	102442	19.025	ng/ul	92
50) Acenaphthylene	14.427	152	734547	19.454	ng/ul	99
51) 3-Nitroaniline	14.610	138	81967	15.257	ng/ul	97
52) Acenaphthene	14.769	153	513432	19.659	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	29422	11.135	ng/ul#	84
55) 4-Nitrophenol	14.910	109	50749	16.071	ng/ul	93
56) Dibenzofuran	15.098	168	694220	19.469	ng/ul	97
57) 2,4-Dinitrotoluene	15.063	165	136799	18.760	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.327	232	133145	19.350	ng/ul	98
59) Diethylphthalate	15.510	149	555752	20.124	ng/ul	99
61) Fluorene	15.745	166	582606	20.035	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.739	204	297535	20.937	ng/ul	99
63) 4-Nitroaniline	15.768	138	76374m	15.679	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.821	198	57318	14.377	ng/ul	99
67) N-Nitrosodiphenylamine	15.951	169	451580	19.435	ng/ul	100
68) 4-Bromophenyl-phenylether	16.633	248	174953	20.720	ng/ul	96
69) Hexachlorobenzene	16.751	284	215402	21.371	ng/ul	99
70) Atrazine	16.898	200	149416	18.818	ng/ul	97
71) Pentachlorophenol	17.092	266	95716	17.081	ng/ul	96
72) Phenanthrene	17.486	178	811295	19.287	ng/ul	99
74) Anthracene	17.580	178	819890	19.179	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	252580	20.283	ng/uL	99
76) Pentachlorobenzene	15.021	250	256969	20.831	ng/uL	100
77) Carbazole	17.851	167	669402	18.074	ng/ul	99
78) Di-n-butylphthalate	18.398	149	862850	19.600	ng/ul	99
80) Fluoranthene	19.492	202	871549	18.019	ng/ul	98
82) Pyrene	19.856	202	917141	18.219	ng/ul	97
83) Butylbenzylphthalate	20.739	149	310199	16.572	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.527	252	235044	17.410	ng/ul	100
85) Benzo(a)anthracene	21.597	228	898054	19.552	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.509	149	448086	16.455	ng/ul	98
87) Chrysene	21.656	228	836858	19.418	ng/ul	99
89) Di-n-octyl phthalate	22.456	149	768211	16.597	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	898178	20.056	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	863542	19.897	ng/ul	99
93) Benzo(a)pyrene	23.986	252	773230	19.635	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.691	276	878518	17.322	ng/ul	98
95) Dibenzo(a,h)anthracene	26.709	278	726924	17.001	ng/ul	99
96) Benzo(g,h,i)perylene	27.491	276	670434	16.556	ng/ul	96

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

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