Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042706.D
Acq On : 13 Nov 2023 13:50
Operator : MA/JU
Sample : SSTD02065
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 16:30:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:28:11 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020029

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
11/14/2023
Supervised By :mohammad ahmed
11/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	32944	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	136071	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	94907	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	217999	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	232831	20.000	ng/ul	0.00
88) Perylene-d12	23.803	264	263070	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	7628	7.265	ng/uL	0.00
4) Pyridine-d5	3.628	84	47649	18.245	ng/ul	0.00
7) Phenol-d5	7.004	99	59863	18.671	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	43379	19.254	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	47481	19.192	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	47740	18.910	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	23773	19.927	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	27516	19.716	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	52325	20.164	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	62770	19.051	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	173801	19.349	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	184588	19.207	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	17181	16.930	ng/ul	0.00
60) Fluorene-d10	15.492	176	141897	19.077	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	29499	17.864	ng/ul	0.00
73) Anthracene-d10	17.351	188	225660	18.471	ng/ul	0.00
81) Pyrene-d10	19.645	212	288234	18.905	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.650	264	299223	19.016	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	8241	7.371	ng/uL	100
5) Pyridine	3.646	79	54169	19.075	ng/ul	100
6) Benzaldehyde	7.004	77	42076	22.873	ng/ul	100
8) Phenol	7.034	94	58548	18.358	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.281	93	51245	19.452	ng/ul	100
12) 2-Chlorophenol	7.398	128	46742	18.984	ng/ul	100
13) 2-Methylphenol	8.292	108	44353	18.649	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.351	45	93802m	19.519	ng/ul	
16) Acetophenone	8.692	105	79742	18.785	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.657	70	49994	19.347	ng/ul	100
18) 4-Methylphenol	8.628	108	49310	19.070	ng/ul	100
19) Hexachloroethane	8.892	117	25436	18.536	ng/ul	100
22) Nitrobenzene	9.087	77	70280	19.491	ng/ul	100
23) Isophorone	9.592	82	139464	19.420	ng/ul	100
25) 2-Nitrophenol	9.786	139	27678	19.520	ng/ul	100
26) 2,4-Dimethylphenol	9.828	107	59748	19.694	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.081	93	70232	19.353	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	49538	20.163	ng/ul	100
30) Naphthalene	10.704	128	163262	19.152	ng/ul	100
32) 4-Chloroaniline	10.851	127	59992	18.979	ng/ul	100
33) Hexachlorobutadiene	10.928	225	41498	19.121	ng/ul	100
34) Caprolactam	11.698	113	14597m	20.039	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	53014	20.137	ng/ul	100
36) 2-Methylnaphthalene	12.316	142	111391	19.497	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.533	142	114324	19.032	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.669	216	70618	18.973	ng/ul	100
40) Hexachlorocyclopentadiene	12.610	237	27366	15.530	ng/ul	100
41) 2,4,6-Trichlorophenol	12.927	196	44306	19.488	ng/ul	100
42) 2,4,5-Trichlorophenol	13.004	196	44495	20.268	ng/ul	100
43) 1,1'-Biphenyl	13.333	154	149401	18.876	ng/ul	100
44) 2-Chloronaphthalene	13.380	162	123413	19.382	ng/ul	100
45) 2-Nitroaniline	13.627	65	41832	20.145	ng/ul	100
47) Dimethylphthalate	13.963	163	168928	19.309	ng/ul	100
48) 2,6-Dinitrotoluene	14.116	165	32879	20.004	ng/ul	100
50) Acenaphthylene	14.227	152	206586	19.184	ng/ul	100
51) 3-Nitroaniline	14.457	138	25534	18.998	ng/ul	100
52) Acenaphthene	14.563	153	138782	19.056	ng/ul	100
53) 2,4-Dinitrophenol	14.669	184	12921	15.810	ng/ul	100
55) 4-Nitrophenol	14.757	109	27883m	22.131	ng/ul	
56) Dibenzofuran	14.898	168	193926	19.184	ng/ul	100
57) 2,4-Dinitrotoluene	14.898	165	47246	19.580	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.116	232	43992	19.304	ng/ul	100
59) Diethylphthalate	15.316	149	178668	19.475	ng/ul	100
61) Fluorene	15.545	166	163633	19.066	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	87884	19.001	ng/ul	100
63) 4-Nitroaniline	15.627	138	24780	20.911	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.651	198	30108	17.909	ng/ul	100
67) N-Nitrosodiphenylamine	15.763	169	129466	18.935	ng/ul	100
68) 4-Bromophenyl-phenylether	16.433	248	54447	18.763	ng/ul	100
69) Hexachlorobenzene	16.515	284	67434	19.010	ng/ul	100
70) Atrazine	16.715	200	52140	19.798	ng/ul	100
71) Pentachlorophenol	16.886	266	37263	18.242	ng/ul	100
72) Phenanthrene	17.292	178	257155	18.882	ng/ul	100
74) Anthracene	17.386	178	258969	18.905	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.286	216	72940	18.922	ng/uL	100
76) Pentachlorobenzene	14.792	250	76256	18.854	ng/uL	100
77) Carbazole	17.674	167	211659	18.712	ng/ul	100
78) Di-n-butylphthalate	18.192	149	314762	19.030	ng/ul	100
80) Fluoranthene	19.309	202	330511	19.012	ng/ul	100
82) Pyrene	19.674	202	347034	18.827	ng/ul	100
83) Butylbenzylphthalate	20.556	149	149080	18.935	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.362	252	121474	20.385	ng/ul	100
85) Benzo(a)anthracene	21.415	228	345736	18.916	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.297	149	223853	18.740	ng/ul	100
87) Chrysene	21.468	228	337705	19.052	ng/ul	100
89) Di-n-octyl phthalate	22.215	149	396305	18.649	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	346604	19.306	ng/ul	100
91) Benzo(k)fluoranthene	23.121	252	361063	18.893	ng/ul	100
93) Benzo(a)pyrene	23.697	252	339126	19.385	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.280	276	422455	19.431	ng/ul	100
95) Dibenzo(a,h)anthracene	26.297	278	350652	19.453	ng/ul	100
96) Benzo(g,h,i)perylene	27.050	276	335570	19.437	ng/ul	100

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

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