Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
Data File : BM044266.D
Acq On : 23 Feb 2024 12:06
Operator : MA/JU
Sample : SSTD04096
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 23 12:45:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 12:21:42 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
02/26/2024
Supervised By :mohammad ahmed
02/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	203674	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	867809	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	491853	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1005103	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	867264	20.000	ng/ul	0.00
88) Perylene-d12	23.897	264	975324	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	106589	17.854	ng/uL	0.00
4) Pyridine-d5	3.752	84	742120	43.225	ng/ul	0.00
7) Phenol-d5	7.063	99	817119	41.135	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	528688	42.425	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	648466	44.861	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	624226	41.572	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	314196	44.675	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	331919	47.576	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	575036	43.826	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	919028	41.751	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	1648289	43.720	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160	1940140	43.447	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	334297	42.458	ng/ul	0.00
60) Fluorene-d10	15.539	176	1386875	42.236	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	273973	45.593	ng/ul	0.00
73) Anthracene-d10	17.398	188	2101358	42.693	ng/ul	0.00
81) Pyrene-d10	19.698	212	2331507	45.828	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	2218425	43.631	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	113707	18.551	ng/uL	99
5) Pyridine	3.775	79	774399	44.315	ng/ul	97
6) Benzaldehyde	7.046	77	380329	44.801	ng/ul	98
8) Phenol	7.087	94	851753	41.861	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.334	93	709107	42.976	ng/ul	99
12) 2-Chlorophenol	7.457	128	667009	43.928	ng/ul	96
13) 2-Methylphenol	8.340	108	629019	42.122	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.428	45	973903	41.869	ng/ul	98
16) Acetophenone	8.728	105	1012880	41.739	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.716	70	526330	43.066	ng/ul	99
18) 4-Methylphenol	8.675	108	672584	41.861	ng/ul	100
19) Hexachloroethane	8.969	117	279162	43.007	ng/ul	98
22) Nitrobenzene	9.110	77	748594	42.317	ng/ul	99
23) Isophorone	9.634	82	1480173	44.253	ng/ul	99
25) 2-Nitrophenol	9.816	139	365927	46.872	ng/ul	97
26) 2,4-Dimethylphenol	9.875	107	679063	43.106	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.122	93	930099	44.272	ng/ul	99
29) 2,4-Dichlorophenol	10.345	162	572067	43.771	ng/ul	100
30) Naphthalene	10.745	128	2109489	43.038	ng/ul	99
32) 4-Chloroaniline	10.869	127	889367	41.149	ng/ul	99
33) Hexachlorobutadiene	11.022	225	327471	40.089	ng/ul	98
34) Caprolactam	11.657	113	191878m	42.029	ng/ul	
35) 4-Chloro-3-methylphenol	11.992	107	634536	44.969	ng/ul	99
36) 2-Methylnaphthalene	12.363	142	1365947	42.359	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	1338641	42.115	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.728	216	621516	40.675	ng/ul	98
40) Hexachlorocyclopentadiene	12.698	237	414606	41.292	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	423990	44.272	ng/ul	100
42) 2,4,5-Trichlorophenol	13.039	196	454350	43.905	ng/ul	99
43) 1,1'-Biphenyl	13.380	154	1713474	42.533	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	1343801	42.168	ng/ul	98
45) 2-Nitroaniline	13.633	65	412957	44.647	ng/ul	96
47) Dimethylphthalate	14.016	163	1684150	43.334	ng/ul	99
48) 2,6-Dinitrotoluene	14.133	165	343067	47.918	ng/ul	99
50) Acenaphthylene	14.263	152	2258557	43.189	ng/ul	99
51) 3-Nitroaniline	14.463	138	338819	41.861	ng/ul	94
52) Acenaphthene	14.604	153	1467033	42.725	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	193477	46.173	ng/ul	96
55) 4-Nitrophenol	14.763	109	226532	37.316	ng/ul	98
56) Dibenzofuran	14.945	168	1949139	42.045	ng/ul	100
57) 2,4-Dinitrotoluene	14.922	165	489512	46.986	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.169	232	365897	42.651	ng/ul	99
59) Diethylphthalate	15.380	149	1759756	44.661	ng/ul	99
61) Fluorene	15.592	166	1568432	40.422	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.592	204	743850	40.053	ng/ul	98
63) 4-Nitroaniline	15.627	138	331045	41.907	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.680	198	297684	44.689	ng/ul	98
67) N-Nitrosodiphenylamine	15.810	169	1338402	42.901	ng/ul	100
68) 4-Bromophenyl-phenylether	16.492	248	439665	41.611	ng/ul	97
69) Hexachlorobenzene	16.586	284	495117	40.543	ng/ul	99
70) Atrazine	16.774	200	431712	41.307	ng/ul	98
71) Pentachlorophenol	16.939	266	325410	41.016	ng/ul	99
72) Phenanthrene	17.339	178	2462492	41.936	ng/ul	100
74) Anthracene	17.433	178	2513122	42.045	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.333	216	606262	41.750	ng/uL	99
76) Pentachlorobenzene	14.851	250	570153	40.962	ng/uL	98
77) Carbazole	17.710	167	2367860	41.935	ng/ul	100
78) Di-n-butylphthalate	18.286	149	3177575	47.922	ng/ul	100
80) Fluoranthene	19.362	202	2776475	45.618	ng/ul	99
82) Pyrene	19.727	202	2872115	44.647	ng/ul	99
83) Butylbenzylphthalate	20.645	149	1425622	54.285	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.427	252	884052	46.599	ng/ul	99
85) Benzo(a)anthracene	21.486	228	2828961	43.559	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	2164725	54.109	ng/ul	99
87) Chrysene	21.539	228	2653489	43.757	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	3793075	53.965	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	2782074	43.895	ng/ul	100
91) Benzo(k)fluoranthene	23.221	252	2818334	44.211	ng/ul	99
93) Benzo(a)pyrene	23.792	252	2677160	44.099	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.385	276	3248435	43.744	ng/ul	98
95) Dibenzo(a,h)anthracene	26.409	278	2736412	44.186	ng/ul	98
96) Benzo(g,h,i)perylene	27.150	276	2605325	43.689	ng/ul	99

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

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