Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013023\
Data File : BM038608.D
Acq On : 30 Jan 2023 16:09
Operator : CG/JU
Sample : SSTD04024
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 31 00:22:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 00:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040029

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2023
Supervised By :Yogesh Patel 01/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	28857	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	93217	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	66453	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	157829	20.000	ng/ul	0.00
79) Chrysene-d12	21.509	240	195331	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	265654	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	12614m	15.656	ng/uL	0.00
4) Pyridine-d5	3.763	84	84451	41.671	ng/ul	0.00
7) Phenol-d5	7.122	99	76243	39.582	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	43137	38.367	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	65490	40.998	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	59710	38.851	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	29364	41.557	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	37894	40.610	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	83590	40.476	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	78738	39.233	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	224292	40.859	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	247639	42.392	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	31780	41.850	ng/ul	0.00
60) Fluorene-d10	15.580	176	201480	41.042	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	53017	39.242	ng/ul	0.00
73) Anthracene-d10	17.433	188	332878	41.939	ng/ul	0.00
81) Pyrene-d10	19.721	212	411221	40.857	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.762	264	574904	42.162	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	14285	16.382	ng/uL	97
5) Pyridine	3.781	79	82236	39.513	ng/ul	94
6) Benzaldehyde	7.098	77	43174	48.611	ng/ul	95
8) Phenol	7.151	94	76721	39.782	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.381	93	52967	38.440	ng/ul	91
12) 2-Chlorophenol	7.516	128	65571	40.907	ng/ul	98
13) 2-Methylphenol	8.404	108	56422	38.506	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.492	45	55905	39.270	ng/ul	98
16) Acetophenone	8.792	105	102220	37.647	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.775	70	51207	41.037	ng/ul#	92
18) 4-Methylphenol	8.739	108	59770	38.430	ng/ul	95
19) Hexachloroethane	9.034	117	32122	39.729	ng/ul	99
22) Nitrobenzene	9.175	77	86255	40.559	ng/ul	98
23) Isophorone	9.698	82	128956	40.073	ng/ul	96
25) 2-Nitrophenol	9.886	139	37517	40.562	ng/ul	95
26) 2,4-Dimethylphenol	9.939	107	81002	40.320	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	65572	39.962	ng/ul#	98
29) 2,4-Dichlorophenol	10.416	162	80212	40.866	ng/ul	94
30) Naphthalene	10.816	128	188902	40.843	ng/ul	98
32) 4-Chloroaniline	10.939	127	78462	38.961	ng/ul	99
33) Hexachlorobutadiene	11.086	225	75642	37.083	ng/ul	94
34) Caprolactam	11.728	113	15434m	40.017	ng/ul	
35) 4-Chloro-3-methylphenol	12.057	107	64860	41.833	ng/ul#	88
36) 2-Methylnaphthalene	12.422	142	142422	41.401	ng/ul	99

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37) 1-Methylnaphthalene	12.639	142	147960	41.666	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	122940	37.583	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	90493	38.767	ng/ul	99
41) 2,4,6-Trichlorophenol	13.033	196	77857	39.093	ng/ul	94
42) 2,4,5-Trichlorophenol	13.104	196	84178	39.578	ng/ul	96
43) 1,1'-Biphenyl	13.427	154	211075	41.308	ng/ul	100
44) 2-Chloronaphthalene	13.474	162	176336	41.541	ng/ul	93
45) 2-Nitroaniline	13.686	65	48423	42.649	ng/ul	90
47) Dimethylphthalate	14.051	163	219542	40.645	ng/ul	99
48) 2,6-Dinitrotoluene	14.180	165	43369	43.353	ng/ul	92
50) Acenaphthylene	14.316	152	244852	41.915	ng/ul	97
51) 3-Nitroaniline	14.510	138	31653	43.958	ng/ul	100
52) Acenaphthene	14.657	153	180150	41.432	ng/ul	97
53) 2,4-Dinitrophenol	14.721	184	31839	39.591	ng/ul	95
55) 4-Nitrophenol	14.816	109	53133	41.705	ng/ul	97
56) Dibenzofuran	14.992	168	264335	40.875	ng/ul	95
57) 2,4-Dinitrotoluene	14.968	165	63484	43.055	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.216	232	73317	39.371	ng/ul	96
59) Diethylphthalate	15.410	149	210909	41.651	ng/ul	96
61) Fluorene	15.639	166	227678	41.804	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.627	204	149368	38.976	ng/ul	95
63) 4-Nitroaniline	15.674	138	28135	48.494	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.727	198	49600	38.902	ng/ul	94
67) N-Nitrosodiphenylamine	15.845	169	189942	42.686	ng/ul	96
68) 4-Bromophenyl-phenylether	16.521	248	88945	39.996	ng/ul	97
69) Hexachlorobenzene	16.633	284	103110	39.718	ng/ul	96
70) Atrazine	16.798	200	90903	40.714	ng/ul	97
71) Pentachlorophenol	16.986	266	64387	38.773	ng/ul	93
72) Phenanthrene	17.374	178	353586	42.869	ng/ul	98
74) Anthracene	17.468	178	367202	42.514	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.392	216	117016	38.574	ng/uL	99
76) Pentachlorobenzene	14.904	250	121349	38.443	ng/uL	98
77) Carbazole	17.739	167	295056	39.356	ng/ul	99
78) Di-n-butylphthalate	18.292	149	326777	45.052	ng/ul	100
80) Fluoranthene	19.386	202	473397	40.579	ng/ul	99
82) Pyrene	19.751	202	501018	40.468	ng/ul	99
83) Butylbenzylphthalate	20.639	149	158041	44.256	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	189803	39.554	ng/ul	98
85) Benzo(a)anthracene	21.492	228	565553	40.873	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	225597	44.397	ng/ul	97
87) Chrysene	21.545	228	520312	40.626	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	426110	37.874	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	675510	41.129	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	696915	42.587	ng/ul	99
93) Benzo(a)pyrene	23.809	252	620899	40.823	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.432	276	976659	40.624	ng/ul	99
95) Dibenzo(a,h)anthracene	26.438	278	832761	40.813	ng/ul	100
96) Benzo(g,h,i)perylene	27.203	276	780983	40.022	ng/ul	99

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

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