Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013023\
Data File : BM038607.D
Acq On : 30 Jan 2023 15:32
Operator : CG/JU
Sample : SSTD02023
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020028

Manual Integrations APPROVED

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

Quant Time: Jan 31 00:21:50 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	27541	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	87743	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	57915	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	142438	20.000	ng/ul	0.00
79) Chrysene-d12	21.509	240	177517	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	261708	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	6392	8.313	ng/uL	0.00
4) Pyridine-d5	3.763	84	37292	19.280	ng/ul	0.00
7) Phenol-d5	7.122	99	37202	20.236	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	21933	20.440	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	32469	21.297	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	28600	19.498	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	13764	20.695	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	17846	20.318	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	36839	18.951	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	35950	19.030	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	95238	19.907	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	104454	20.517	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	13262	20.039	ng/ul	0.00
60) Fluorene-d10	15.580	176	84331	19.711	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	22418	18.386	ng/ul	0.00
73) Anthracene-d10	17.433	188	140808	19.657	ng/ul	0.00
81) Pyrene-d10	19.721	212	176828	19.332	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.762	264	266565	19.844	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	6958	8.360	ng/uL	100
5) Pyridine	3.781	79	40810	20.545	ng/ul	100
6) Benzaldehyde	7.098	77	18651	22.003	ng/ul	100
8) Phenol	7.146	94	37139	20.178	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.381	93	26101	19.847	ng/ul	100
12) 2-Chlorophenol	7.516	128	31869	20.832	ng/ul	100
13) 2-Methylphenol	8.404	108	28033	20.046	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	27749	20.423	ng/ul	100
16) Acetophenone	8.787	105	49175	18.976	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.769	70	23768	19.958	ng/ul	100
18) 4-Methylphenol	8.734	108	29336	19.763	ng/ul	100
19) Hexachloroethane	9.034	117	15686	20.328	ng/ul	100
22) Nitrobenzene	9.169	77	41108	20.536	ng/ul	100
23) Isophorone	9.692	82	62187	20.530	ng/ul	100
25) 2-Nitrophenol	9.881	139	18224	20.932	ng/ul	100
26) 2,4-Dimethylphenol	9.939	107	38943	20.594	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.181	93	31947	20.684	ng/ul	100
29) 2,4-Dichlorophenol	10.416	162	36463	19.736	ng/ul	100
30) Naphthalene	10.816	128	90552	20.800	ng/ul	100
32) 4-Chloroaniline	10.934	127	36857	19.444	ng/ul	100
33) Hexachlorobutadiene	11.086	225	35678	18.582	ng/ul	100
34) Caprolactam	11.716	113	6863m	18.904	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	29952	20.523	ng/ul	100
36) 2-Methylnaphthalene	12.422	142	65653	20.276	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.639	142	66201	19.805	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.786	216	55229	19.373	ng/ul	100
40)	Hexachlorocyclopentadiene	12.757	237	38802	19.073	ng/ul	100
41)	2,4,6-Trichlorophenol	13.033	196	33570	19.341	ng/ul	100
42)	2,4,5-Trichlorophenol	13.104	196	35711	19.265	ng/ul	100
43)	1,1'-Biphenyl	13.427	154	91476	20.542	ng/ul	100
44)	2-Chloronaphthalene	13.469	162	74799	20.219	ng/ul	100
45)	2-Nitroaniline	13.686	65	21111	21.335	ng/ul	100
47)	Dimethylphthalate	14.051	163	95522	20.292	ng/ul	100
48)	2,6-Dinitrotoluene	14.180	165	17573	20.156	ng/ul	100
50)	Acenaphthylene	14.316	152	107676	21.150	ng/ul	100
51)	3-Nitroaniline	14.510	138	12260	19.536	ng/ul	100
52)	Acenaphthene	14.657	153	79313	20.930	ng/ul	100
53)	2,4-Dinitrophenol	14.721	184	11971	17.080	ng/ul	100
55)	4-Nitrophenol	14.816	109	23343	21.024	ng/ul	100
56)	Dibenzofuran	14.986	168	113983	20.224	ng/ul	100
57)	2,4-Dinitrotoluene	14.963	165	26650	20.739	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.216	232	31538	19.433	ng/ul	100
59)	Diethylphthalate	15.404	149	91325	20.694	ng/ul	100
61)	Fluorene	15.639	166	93949	19.793	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.627	204	63569	19.033	ng/ul	100
63)	4-Nitroaniline	15.668	138	10939	21.634	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.727	198	20477	17.796	ng/ul	100
67)	N-Nitrosodiphenylamine	15.845	169	80595	20.069	ng/ul	100
68)	4-Bromophenyl-phenylether	16.521	248	39067	19.466	ng/ul	100
69)	Hexachlorobenzene	16.633	284	44962	19.191	ng/ul	100
70)	Atrazine	16.792	200	37406	18.564	ng/ul	100
71)	Pentachlorophenol	16.980	266	28442	18.978	ng/ul	100
72)	Phenanthrene	17.374	178	148751	19.983	ng/ul	100
74)	Anthracene	17.468	178	155209	19.912	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.392	216	52493	19.174	ng/uL	100
76)	Pentachlorobenzene	14.904	250	53029	18.615	ng/uL	100
77)	Carbazole	17.739	167	123557	18.262	ng/ul	100
78)	Di-n-butylphthalate	18.292	149	137998	21.081	ng/ul	100
80)	Fluoranthene	19.386	202	203144	19.160	ng/ul	100
82)	Pyrene	19.751	202	214232	19.040	ng/ul	100
83)	Butylbenzylphthalate	20.639	149	69464	21.404	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.427	252	85588	19.626	ng/ul	100
85)	Benzo(a)anthracene	21.492	228	252265	20.061	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.403	149	97659	21.148	ng/ul	100
87)	Chrysene	21.545	228	234568	20.153	ng/ul	100
89)	Di-n-octyl phthalate	22.333	149	192729	17.389	ng/ul	100
90)	Benzo(b)fluoranthene	23.180	252	324771	20.072	ng/ul	100
91)	Benzo(k)fluoranthene	23.227	252	317754	19.710	ng/ul	100
93)	Benzo(a)pyrene	23.809	252	298049	19.892	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.421	276	465936	19.673	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.433	278	391966	19.499	ng/ul	100
96)	Benzo(g,h,i)perylene	27.197	276	382737	19.910	ng/ul	100

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

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