Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022823\
Data File : BM038815.D
Acq On : 28 Feb 2023 17:24
Operator : CG/JU
Sample : SSTD04036
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040043

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 01 01:34:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 01 01:29:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	191453	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	871958	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	565275	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	1229424	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	1295941	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	1487077	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	82964	23.093	ng/uL	0.00
4) Pyridine-d5	3.799	84	590618	63.103	ng/ul	0.00
7) Phenol-d5	7.157	99	731880	58.767	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	463249	67.669	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	561168	49.068	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	572517	51.263	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	274930	42.433	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	262400	29.877	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	570935	32.357	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	908187	44.513	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1815241	40.464	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2174742	43.511	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	367969	50.377	ng/ul	0.00
60) Fluorene-d10	15.639	176	1605528	42.170	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	263499	35.109	ng/ul	0.00
73) Anthracene-d10	17.492	188	2566796	44.240	ng/ul	0.00
81) Pyrene-d10	19.780	212	2984973	38.035	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	3250835	42.216	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	87476	23.811	ng/uL	98
5) Pyridine	3.822	79	626583	66.606	ng/ul	97
6) Benzaldehyde	7.145	77	391249m	78.747	ng/ul	
8) Phenol	7.187	94	780250	62.711	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	617509	61.852	ng/ul	99
12) 2-Chlorophenol	7.569	128	580009	52.196	ng/ul	99
13) 2-Methylphenol	8.451	108	581718	55.928	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.551	45	777850	88.816	ng/ul	99
16) Acetophenone	8.839	105	1004699	55.676	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	487067	61.102	ng/ul	99
18) 4-Methylphenol	8.781	108	653866	56.931	ng/ul	98
19) Hexachloroethane	9.104	117	228688	47.427	ng/ul	99
22) Nitrobenzene	9.222	77	717261	52.187	ng/ul	99
23) Isophorone	9.751	82	1453909	54.367	ng/ul	99
25) 2-Nitrophenol	9.934	139	309916	35.734	ng/ul	98
26) 2,4-Dimethylphenol	9.992	107	704005	48.103	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.239	93	859669	53.477	ng/ul	100
29) 2,4-Dichlorophenol	10.469	162	571648	33.328	ng/ul	99
30) Naphthalene	10.881	128	2034892	47.160	ng/ul	99
32) 4-Chloroaniline	10.986	127	915699	45.807	ng/ul	99
33) Hexachlorobutadiene	11.169	225	341429	38.291	ng/ul	100
34) Caprolactam	11.745	113	194560m	48.563	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	652318	48.807	ng/ul	99
36) 2-Methylnaphthalene	12.486	142	1348390	39.875	ng/ul	100

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37) 1-Methylnaphthalene	12.704	142	1348802	38.654	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.845	216	690649	51.987	ng/ul	98
40) Hexachlorocyclopentadiene	12.833	237	362422	47.856	ng/ul	96
41) 2,4,6-Trichlorophenol	13.080	196	459217	42.927	ng/ul	100
42) 2,4,5-Trichlorophenol	13.151	196	504802	43.298	ng/ul	99
43) 1,1'-Biphenyl	13.492	154	1827013	43.848	ng/ul	99
44) 2-Chloronaphthalene	13.527	162	1462341	43.224	ng/ul	99
45) 2-Nitroaniline	13.727	65	380715	59.045	ng/ul	97
47) Dimethylphthalate	14.110	163	1851565	41.671	ng/ul	98
48) 2,6-Dinitrotoluene	14.221	165	337611	38.295	ng/ul	100
50) Acenaphthylene	14.374	152	2374762	45.802	ng/ul	100
51) 3-Nitroaniline	14.545	138	379520	52.131	ng/ul	98
52) Acenaphthene	14.716	153	1613093	43.965	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	157918	29.113	ng/ul	93
55) 4-Nitrophenol	14.845	109	299461	47.095	ng/ul	97
56) Dibenzofuran	15.045	168	2229822	42.612	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	509651	40.014	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.268	232	441967	50.102	ng/ul	96
59) Diethylphthalate	15.474	149	1856715	41.838	ng/ul	99
61) Fluorene	15.692	166	1890196	43.290	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	902765	47.816	ng/ul	100
63) 4-Nitroaniline	15.704	138	407982	72.636	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.763	198	274342	37.711	ng/ul	98
67) N-Nitrosodiphenylamine	15.904	169	1557917	42.806	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	527808	45.829	ng/ul	95
69) Hexachlorobenzene	16.692	284	632115	43.069	ng/ul	98
70) Atrazine	16.851	200	525611	39.807	ng/ul	99
71) Pentachlorophenol	17.033	266	386050	42.699	ng/ul	100
72) Phenanthrene	17.433	178	2939347	42.653	ng/ul	100
74) Anthracene	17.527	178	3022053	43.102	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	717334	53.885	ng/uL	100
76) Pentachlorobenzene	14.963	250	733502	48.585	ng/uL	99
77) Carbazole	17.792	167	2810077	43.355	ng/ul	100
78) Di-n-butylphthalate	18.368	149	3088309	36.716	ng/ul	100
80) Fluoranthene	19.445	202	3377332	34.158	ng/ul	99
82) Pyrene	19.803	202	3735974	36.095	ng/ul	98
83) Butylbenzylphthalate	20.709	149	1180880	23.001	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	1132812	36.667	ng/ul	99
85) Benzo(a)anthracene	21.556	228	3755075	41.744	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.492	149	1922939	25.236	ng/ul	98
87) Chrysene	21.609	228	3644107	43.849	ng/ul	99
89) Di-n-octyl phthalate	22.444	149	3302902	21.624	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	3940553	40.536	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	4026050	41.897	ng/ul	99
93) Benzo(a)pyrene	23.921	252	3649827	44.862	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.603	276	4923735	47.722	ng/ul	99
95) Dibenzo(a,h)anthracene	26.621	278	4141858	47.984	ng/ul	100
96) Benzo(g,h,i)perylene	27.385	276	4000134	49.272	ng/ul	98

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

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