Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120122\
Data File : BM037813.D
Acq On : 01 Dec 2022 17:01
Operator : CG/JU
Sample : SSTD01097
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 02 00:17:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 00:13:28 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010048

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2022
Supervised By :mohammad ahmed 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	212139	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	970070	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.727	164	637645	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	1390015	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1409808	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1421917	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	18047m	3.528	ng/uL	0.00
4) Pyridine-d5	3.869	84	126906	7.622	ng/ul	0.00
7) Phenol-d5	7.245	99	173690	8.207	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	106333	7.532	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	139535	9.488	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	140115	8.320	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	74237	9.762	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	75045	10.015	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	143434	10.460	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	219764	9.658	ng/ul	0.00
46) Dimethylphthalate-d6	14.127	166	441587	9.777	ng/ul	0.00
49) Acenaphthylene-d8	14.421	160	537867	10.089	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	79852	8.026	ng/ul	0.00
60) Fluorene-d10	15.710	176	400272	10.119	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	59069	7.900	ng/ul	0.00
73) Anthracene-d10	17.557	188	638140	9.817	ng/ul	0.00
81) Pyrene-d10	19.839	212	738727	10.311	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.956	264	713995	9.755	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	18909	3.362	ng/uL#	78
5) Pyridine	3.887	79	127170	7.511	ng/ul	99
6) Benzaldehyde	7.228	77	91119	8.203	ng/ul	98
8) Phenol	7.275	94	178806	8.060	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.510	93	148485	8.256	ng/ul	99
12) 2-Chlorophenol	7.657	128	149354	9.297	ng/ul	96
13) 2-Methylphenol	8.539	108	145380	8.590	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.628	45	284977	8.772	ng/ul	99
16) Acetophenone	8.928	105	229212	8.268	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.910	70	118676	7.303	ng/ul	99
18) 4-Methylphenol	8.869	108	152645	8.164	ng/ul	98
19) Hexachloroethane	9.192	117	57364	8.256	ng/ul	98
22) Nitrobenzene	9.310	77	158739	7.655	ng/ul	99
23) Isophorone	9.839	82	343299	8.214	ng/ul	99
25) 2-Nitrophenol	10.028	139	82359	9.717	ng/ul	98
26) 2,4-Dimethylphenol	10.081	107	159588	8.574	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.322	93	208776	8.708	ng/ul	99
29) 2,4-Dichlorophenol	10.557	162	145716	10.387	ng/ul	99
30) Naphthalene	10.969	128	525008	9.898	ng/ul	100
32) 4-Chloroaniline	11.075	127	224507	9.467	ng/ul	98
33) Hexachlorobutadiene	11.251	225	91761	12.460	ng/ul	98
34) Caprolactam	11.845	113	52001m	8.900	ng/ul	
35) 4-Chloro-3-methylphenol	12.186	107	151068	8.424	ng/ul	99
36) 2-Methylnaphthalene	12.563	142	361574	9.813	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.786	142	363040	9.794	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.927	216	183255	11.704	ng/ul	98
40) Hexachlorocyclopentadiene	12.910	237	93834	9.624	ng/ul	100
41) 2,4,6-Trichlorophenol	13.163	196	115869	10.277	ng/ul	96
42) 2,4,5-Trichlorophenol	13.233	196	122055	10.118	ng/ul	96
43) 1,1'-Biphenyl	13.563	154	470237	9.711	ng/ul	98
44) 2-Chloronaphthalene	13.610	162	364622	9.688	ng/ul	99
45) 2-Nitroaniline	13.810	65	100607	7.051	ng/ul	97
47) Dimethylphthalate	14.174	163	460262	9.587	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	90734	9.787	ng/ul	98
50) Acenaphthylene	14.451	152	597943	9.923	ng/ul	98
51) 3-Nitroaniline	14.627	138	95250	8.467	ng/ul	99
52) Acenaphthene	14.786	153	414559	9.619	ng/ul	99
53) 2,4-Dinitrophenol	14.827	184	40917	7.523	ng/ul	94
55) 4-Nitrophenol	14.921	109	51897	5.821	ng/ul	97
56) Dibenzofuran	15.121	168	560071	9.957	ng/ul	100
57) 2,4-Dinitrotoluene	15.074	165	126255	9.281	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	110023	11.116	ng/ul	96
59) Diethylphthalate	15.527	149	468560	9.043	ng/ul	100
61) Fluorene	15.768	166	474584	9.740	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.757	204	226971	10.678	ng/ul	97
63) 4-Nitroaniline	15.780	138	101181	9.464	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.839	198	61763	7.783	ng/ul#	97
67) N-Nitrosodiphenylamine	15.968	169	397750	9.209	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	143062	12.796	ng/ul	96
69) Hexachlorobenzene	16.768	284	167356	11.655	ng/ul	98
70) Atrazine	16.915	200	145676	9.937	ng/ul	99
71) Pentachlorophenol	17.109	266	94932	9.985	ng/ul	97
72) Phenanthrene	17.504	178	762332	9.362	ng/ul	99
74) Anthracene	17.592	178	783365	9.476	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.533	216	187577	11.280	ng/uL	97
76) Pentachlorobenzene	15.039	250	203218	11.490	ng/uL	100
77) Carbazole	17.862	167	722560	9.194	ng/ul	99
78) Di-n-butylphthalate	18.415	149	899113	7.903	ng/ul	100
80) Fluoranthene	19.509	202	906879	9.909	ng/ul	98
82) Pyrene	19.868	202	943447	9.760	ng/ul	98
83) Butylbenzylphthalate	20.756	149	395247	8.777	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.544	252	308312	10.889	ng/ul	100
85) Benzo(a)anthracene	21.615	228	925398	9.812	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	617104	9.070	ng/ul	100
87) Chrysene	21.668	228	859124	9.680	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	1056748	8.700	ng/ul	100
90) Benzo(b)fluoranthene	23.356	252	922751	9.546	ng/ul	99
91) Benzo(k)fluoranthene	23.403	252	883278	9.370	ng/ul	99
93) Benzo(a)pyrene	24.003	252	797774	9.496	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.715	276	895114	9.287	ng/ul	98
95) Dibenzo(a,h)anthracene	26.732	278	815260	9.421	ng/ul	99
96) Benzo(g,h,i)perylene	27.515	276	771237	9.189	ng/ul	99

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

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