Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110222\
Data File : BM037336.D
Acq On : 03 Nov 2022 03:35
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020196

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/03/2022
Supervised By :mohammad ahmed 11/04/2022

Quant Time: Nov 03 05:48:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 02 03:33:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	323670	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1487764	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	949579	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1952775	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1939868	20.000	ng/ul	0.00
88) Perylene-d12	23.744	264	1667788	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	61540	8.381	ng/uL	0.00
4) Pyridine-d5	3.693	84	447508	20.417	ng/ul	0.00
7) Phenol-d5	7.028	99	552279	19.606	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	341506	19.757	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	451474	20.978	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	457191	19.876	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	231661	20.845	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	253064	20.905	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.280	165	478001	21.417	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	682434	20.009	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1357958	20.683	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	1672471	21.188	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	255571	19.474	ng/ul	0.00
60) Fluorene-d10	15.480	176	1234273	21.081	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	231241	18.696	ng/ul	0.00
73) Anthracene-d10	17.327	188	1903835	21.169	ng/ul	0.00
81) Pyrene-d10	19.615	212	2125032	20.963	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.591	264	1831985	21.339	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	64417	8.350	ng/uL	97
5) Pyridine	3.716	79	445813	20.307	ng/ul	96
6) Benzaldehyde	6.998	77	332178	25.491	ng/ul	98
8) Phenol	7.051	94	577283	19.478	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	472010	19.852	ng/ul	100
12) 2-Chlorophenol	7.416	128	493008	21.170	ng/ul	99
13) 2-Methylphenol	8.304	108	449302	19.871	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.386	45	689762m	20.426	ng/ul	
16) Acetophenone	8.681	105	739757	20.054	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	379148	20.692	ng/ul	98
18) 4-Methylphenol	8.634	108	501585	20.138	ng/ul	100
19) Hexachloroethane	8.928	117	200680	21.713	ng/ul	99
22) Nitrobenzene	9.063	77	561480	20.932	ng/ul	99
23) Isophorone	9.592	82	1047967	20.256	ng/ul	99
25) 2-Nitrophenol	9.775	139	290482	20.994	ng/ul	99
26) 2,4-Dimethylphenol	9.833	107	554431	21.311	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.075	93	667613	20.756	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	496482	21.616	ng/ul	99
30) Naphthalene	10.704	128	1685415	21.233	ng/ul	99
32) 4-Chloroaniline	10.822	127	712824	20.169	ng/ul	99
33) Hexachlorobutadiene	10.980	225	304042	21.495	ng/ul	99
34) Caprolactam	11.616	113	149182	19.738	ng/ul	97
35) 4-Chloro-3-methylphenol	11.951	107	502016	21.072	ng/ul	99
36) 2-Methylnaphthalene	12.310	142	1157002	21.106	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.533	142	1163189	21.088	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.680	216	606118	21.268	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	293549	18.424	ng/ul	97
41) 2,4,6-Trichlorophenol	12.927	196	396801	21.568	ng/ul	97
42) 2,4,5-Trichlorophenol	12.998	196	428976	21.655	ng/ul	98
43) 1,1'-Biphenyl	13.321	154	1517598	21.503	ng/ul	100
44) 2-Chloronaphthalene	13.363	162	1219290	21.500	ng/ul	99
45) 2-Nitroaniline	13.580	65	328585	21.973	ng/ul	98
47) Dimethylphthalate	13.951	163	1460112	20.878	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	290044	21.181	ng/ul	98
50) Acenaphthylene	14.210	152	1854562	21.496	ng/ul	100
51) 3-Nitroaniline	14.410	138	316679	21.431	ng/ul	97
52) Acenaphthene	14.551	153	1305758	21.270	ng/ul	100
53) 2,4-Dinitrophenol	14.615	184	159321	17.326	ng/ul	98
55) 4-Nitrophenol	14.715	109	192252	19.921	ng/ul	97
56) Dibenzofuran	14.886	168	1760053	21.233	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	430117	21.437	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.115	232	366506	21.251	ng/ul	97
59) Diethylphthalate	15.310	149	1447377	20.779	ng/ul	99
61) Fluorene	15.533	166	1494250	21.311	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.527	204	727840	21.123	ng/ul	99
63) 4-Nitroaniline	15.568	138	321802m	23.423	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.621	198	248548	18.916	ng/ul	100
67) N-Nitrosodiphenylamine	15.745	169	1240662	21.432	ng/ul	100
68) 4-Bromophenyl-phenylether	16.421	248	437286	21.050	ng/ul	98
69) Hexachlorobenzene	16.527	284	532350	20.997	ng/ul	99
70) Atrazine	16.698	200	413760	20.190	ng/ul	99
71) Pentachlorophenol	16.880	266	294908	19.008	ng/ul	98
72) Phenanthrene	17.268	178	2334646	21.382	ng/ul	99
74) Anthracene	17.362	178	2358233	21.466	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.286	216	603483	21.326	ng/uL	100
76) Pentachlorobenzene	14.798	250	653106	21.211	ng/uL	99
77) Carbazole	17.639	167	2095555	21.144	ng/ul	100
78) Di-n-butylphthalate	18.192	149	2437972	21.351	ng/ul	100
80) Fluoranthene	19.280	202	2633300	21.110	ng/ul	100
82) Pyrene	19.645	202	2792137	21.247	ng/ul	100
83) Butylbenzylphthalate	20.539	149	1111106	21.769	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.321	252	956043	21.265	ng/ul	99
85) Benzo(a)anthracene	21.386	228	2675749	21.493	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	1599171	22.470	ng/ul	100
87) Chrysene	21.439	228	2494120	21.292	ng/ul	99
89) Di-n-octyl phthalate	22.215	149	2587974	21.328	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	2446641	21.088	ng/ul	99
91) Benzo(k)fluoranthene	23.074	252	2433794	21.425	ng/ul	100
93) Benzo(a)pyrene	23.638	252	2064237	21.274	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.168	276	2170162	20.898	ng/ul	99
95) Dibenzo(a,h)anthracene	26.179	278	1930897	20.676	ng/ul	99
96) Benzo(g,h,i)perylene	26.915	276	1838704	20.665	ng/ul	99

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

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