Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020695.D
Acq On : 28 Jun 2024 16:55
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jun 28 18:11:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020663

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

06/28/2024
Supervised By :mohammad ahmed

06/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	226096	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	908163	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.375	164	552364	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	1016878	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	786981	20.000	ng/ul	0.01
88) Perylene-d12	25.021	264	977290	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	37770	7.173	ng/uL	0.00
4) Pyridine-d5	3.687	84	276540	18.021	ng/ul	0.00
7) Phenol-d5	6.928	99	340637	18.369	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	207896	17.684	ng/ul	0.00
11) 2-Chlorophenol-d4	7.281	132	292672	19.311	ng/ul	0.00
15) 4-Methylphenol-d8	8.452	113	283248	18.807	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	139132	20.751	ng/ul	0.00
24) 2-Nitrophenol-d4	9.604	143	154606	23.042	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	282064	20.408	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	372034	19.207	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	773306	20.135	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	887304	19.362	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	113703	19.377	ng/ul	0.01
60) Fluorene-d10	15.392	176	628726	19.455	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	97896	19.104	ng/ul	0.01
73) Anthracene-d10	17.298	188	867986	19.019	ng/ul	0.02
81) Pyrene-d10	19.675	212	900049	19.037	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.792	264	916153	19.272	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	40737	6.914	ng/uL	97
5) Pyridine	3.705	79	281681	17.721	ng/ul	98
6) Benzaldehyde	6.905	77	213171	22.731	ng/ul	99
8) Phenol	6.952	94	346531	18.325	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.175	93	280161	17.895	ng/ul	99
12) 2-Chlorophenol	7.316	128	288657	18.946	ng/ul	97
13) 2-Methylphenol	8.181	108	269440	18.570	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.263	45	403187	16.946	ng/ul	99
16) Acetophenone	8.563	105	432721	17.991	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.546	70	219522	17.171	ng/ul	98
18) 4-Methylphenol	8.510	108	282351	18.385	ng/ul	97
19) Hexachloroethane	8.810	117	124046	18.755	ng/ul	98
22) Nitrobenzene	8.934	77	330636	19.022	ng/ul	96
23) Isophorone	9.463	82	611355	17.752	ng/ul	98
25) 2-Nitrophenol	9.634	139	162880	22.478	ng/ul	96
26) 2,4-Dimethylphenol	9.693	107	317746	18.828	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.934	93	380421	18.568	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	276643	20.222	ng/ul	97
30) Naphthalene	10.563	128	903861	18.595	ng/ul	100
32) 4-Chloroaniline	10.681	127	345619	18.533	ng/ul	100
33) Hexachlorobutadiene	10.834	225	202568	19.806	ng/ul	98
34) Caprolactam	11.469	113	79483	19.092	ng/ul	86
35) 4-Chloro-3-methylphenol	11.804	107	286706	18.981	ng/ul	94
36) 2-Methylnaphthalene	12.169	142	603412	18.532	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	633564	19.034	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.534	216	357323	20.233	ng/ul	99
40) Hexachlorocyclopentadiene	12.510	237	207217	18.852	ng/ul	97
41) 2,4,6-Trichlorophenol	12.793	196	221358	21.011	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	233940	21.410	ng/ul	97
43) 1,1'-Biphenyl	13.193	154	787807	19.071	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	637102	19.581	ng/ul	97
45) 2-Nitroaniline	13.451	65	176382	21.523	ng/ul	91
47) Dimethylphthalate	13.834	163	774685	19.802	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	157899	22.635	ng/ul	96
50) Acenaphthylene	14.092	152	985427	19.036	ng/ul	99
51) 3-Nitroaniline	14.293	138	149912	23.122	ng/ul	94
52) Acenaphthene	14.440	153	651671	18.978	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	75392	20.835	ng/ul	96
55) 4-Nitrophenol	14.616	109	94431	17.983	ng/ul	99
56) Dibenzofuran	14.781	168	872986	18.866	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	212482	22.066	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.016	232	189969	21.050	ng/ul	96
59) Diethylphthalate	15.210	149	761440	19.732	ng/ul	99
61) Fluorene	15.451	166	709847	19.093	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.440	204	376770	19.420	ng/ul	99
63) 4-Nitroaniline	15.475	138	143984	23.399	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.534	198	104860	19.102	ng/ul#	89
67) N-Nitrosodiphenylamine	15.663	169	596517	19.892	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	230832	20.351	ng/ul	96
69) Hexachlorobenzene	16.469	284	256778	20.223	ng/ul	94
70) Atrazine	16.639	200	216886	20.515	ng/ul	97
71) Pentachlorophenol	16.834	266	144966	19.831	ng/ul	97
72) Phenanthrene	17.239	178	1000216	18.784	ng/ul	100
74) Anthracene	17.328	178	1023363	18.683	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	351113	21.271	ng/uL	100
76) Pentachlorobenzene	14.698	250	326699	20.766	ng/uL	98
77) Carbazole	17.610	167	856102	18.938	ng/ul	100
78) Di-n-butylphthalate	18.204	149	1193891	20.335	ng/ul	100
80) Fluoranthene	19.328	202	1060334	18.360	ng/ul	99
82) Pyrene	19.704	202	1081602	18.262	ng/ul	99
83) Butylbenzylphthalate	20.669	149	459881	20.911	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.557	252	321419	18.472	ng/ul	98
85) Benzo(a)anthracene	21.633	228	1046584	18.973	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.580	149	657682	19.260	ng/ul	99
87) Chrysene	21.704	228	987580	18.941	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	1079184	17.201	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	1095936	18.511	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	1099002	18.351	ng/ul	100
93) Benzo(a)pyrene	24.863	252	1056897	18.911	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.851	276	1341027m	18.707	ng/ul	
95) Dibenzo(a,h)anthracene	28.921	278	1111006	18.857	ng/ul	99
96) Benzo(g,h,i)perylene	30.039	276	1091559m	18.650	ng/ul	

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

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