Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020165.D
Acq On : 03 May 2024 04:48
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 03 06:05:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 00:38:56 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020777

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	103046	20.000	ng/ul	0.00
20) Naphthalene-d8	10.392	136	448845	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	324760	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	734142	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	678908	20.000	ng/ul	-0.02
88) Perylene-d12	24.980	264	635939	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	19521	8.001	ng/uL	0.00
4) Pyridine-d5	3.622	84	133321	18.805	ng/ul	0.00
7) Phenol-d5	6.816	99	169997	19.210	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	107255	19.952	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	128184	20.262	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	143871	20.109	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	68670	20.431	ng/ul	0.00
24) 2-Nitrophenol-d4	9.498	143	80783	20.988	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	144513	20.575	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	199006	20.244	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	482525	20.346	ng/ul	0.00
49) Acenaphthylene-d8	13.980	160	525710	20.067	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	70024	19.211	ng/ul	0.00
60) Fluorene-d10	15.322	176	407431	20.597	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	92002	19.749	ng/ul	0.00
73) Anthracene-d10	17.239	188	635814	20.020	ng/ul	0.00
81) Pyrene-d10	19.633	212	762815	19.221	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.750	264	622391	20.241	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	21015	7.590	ng/uL	99
5) Pyridine	3.640	79	135831	18.942	ng/ul	96
6) Benzaldehyde	6.804	77	102189	22.973	ng/ul	97
8) Phenol	6.840	94	179299	19.630	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.075	93	143081	20.019	ng/ul	98
12) 2-Chlorophenol	7.198	128	134664	20.388	ng/ul	96
13) 2-Methylphenol	8.069	108	134140	19.689	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.145	45	182481	20.467	ng/ul	97
16) Acetophenone	8.451	105	243933	20.543	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.434	70	134403	20.857	ng/ul	98
18) 4-Methylphenol	8.404	108	149698	20.215	ng/ul	98
19) Hexachloroethane	8.675	117	60835	20.141	ng/ul	99
22) Nitrobenzene	8.828	77	197845	20.505	ng/ul	99
23) Isophorone	9.351	82	377525	20.348	ng/ul	99
25) 2-Nitrophenol	9.534	139	82527	20.700	ng/ul	91
26) 2,4-Dimethylphenol	9.587	107	175742	20.205	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.828	93	208644	20.285	ng/ul	99
29) 2,4-Dichlorophenol	10.057	162	144050	21.085	ng/ul	98
30) Naphthalene	10.445	128	461320	19.940	ng/ul	99
32) 4-Chloroaniline	10.575	127	190844	19.853	ng/ul	98
33) Hexachlorobutadiene	10.710	225	107776	20.310	ng/ul	97
34) Caprolactam	11.386	113	47728	20.008	ng/ul	90
35) 4-Chloro-3-methylphenol	11.710	107	180459	21.215	ng/ul	99
36) 2-Methylnaphthalene	12.075	142	332434	20.652	ng/ul	94

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	337049	20.807	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.445	216	202441	19.987	ng/ul	97
40) Hexachlorocyclopentadiene	12.404	237	130194	23.635	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	130106	20.484	ng/ul	96
42) 2,4,5-Trichlorophenol	12.786	196	134586	19.691	ng/ul	100
43) 1,1'-Biphenyl	13.110	154	455625	19.836	ng/ul	100
44) 2-Chloronaphthalene	13.151	162	361232	19.819	ng/ul	99
45) 2-Nitroaniline	13.381	65	125483	20.755	ng/ul	97
47) Dimethylphthalate	13.763	163	494783	20.655	ng/ul	98
48) 2,6-Dinitrotoluene	13.898	165	101614	21.338	ng/ul	93
50) Acenaphthylene	14.010	152	592048	20.092	ng/ul	99
51) 3-Nitroaniline	14.239	138	92047	20.724	ng/ul	96
52) Acenaphthene	14.357	153	393103	19.852	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	55021	18.823	ng/ul	93
55) 4-Nitrophenol	14.557	109	75457	19.884	ng/ul	94
56) Dibenzofuran	14.704	168	548221	20.129	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	148350	21.667	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.945	232	128866	20.996	ng/ul	99
59) Diethylphthalate	15.157	149	493440	20.635	ng/ul	99
61) Fluorene	15.375	166	456583	20.177	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	245958	20.488	ng/ul	99
63) 4-Nitroaniline	15.439	138	81559	22.034	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.492	198	94144	19.380	ng/ul	98
67) N-Nitrosodiphenylamine	15.604	169	396298	19.387	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	157444	19.799	ng/ul	93
69) Hexachlorobenzene	16.398	284	183273	19.899	ng/ul	99
70) Atrazine	16.592	200	141470	19.518	ng/ul	99
71) Pentachlorophenol	16.774	266	105884	19.020	ng/ul	99
72) Phenanthrene	17.174	178	738730	19.722	ng/ul	99
74) Anthracene	17.274	178	767714	20.151	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	207416	19.010	ng/uL	98
76) Pentachlorobenzene	14.616	250	212005	19.417	ng/uL	98
77) Carbazole	17.574	167	665637	20.282	ng/ul	99
78) Di-n-butylphthalate	18.163	149	861404	21.654	ng/ul	100
80) Fluoranthene	19.286	202	905482	19.388	ng/ul	99
82) Pyrene	19.668	202	939551	19.335	ng/ul	99
83) Butylbenzylphthalate	20.639	149	391584	21.228	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.533	252	273509	19.795	ng/ul	99
85) Benzo(a)anthracene	21.604	228	906201	19.680	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	549244	20.639	ng/ul#	97
87) Chrysene	21.668	228	855219	20.039	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	906203	22.251	ng/ul	100
90) Benzo(b)fluoranthene	23.909	252	787199	20.809	ng/ul	100
91) Benzo(k)fluoranthene	23.986	252	798172	20.704	ng/ul	100
93) Benzo(a)pyrene	24.815	252	712180	19.786	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.768	276	766988m	17.382	ng/ul	
95) Dibenzo(a,h)anthracene	28.856	278	638776m	17.502	ng/ul	
96) Benzo(g,h,i)perylene	29.962	276	605665m	17.019	ng/ul	

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

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