Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018320.D
Acq On : 24 Nov 2023 09:04
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 24 21:51:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 22 14:09:55 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020690

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
11/27/2023
Supervised By :mohammad ahmed
11/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	411409	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.669	136	1782451	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.504	164	1148152	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	2398187	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	1783101	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	1596296	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	85676	7.800	ng/uL	0.00
4) Pyridine-d5	3.681	84	623508	20.655	ng/ul	0.00
7) Phenol-d5	7.022	99	761835	20.262	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.199	67	469602	20.887	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.393	132	616759	19.537	ng/ul	-0.01
15) 4-Methylphenol-d8	8.575	113	637793	21.020	ng/ul	-0.01
21) Nitrobenzene-d5	9.028	128	296230	20.461	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.751	143	271533	20.308	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.287	165	635531	19.702	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.804	131	930392	21.385	ng/ul	-0.01
46) Dimethylphthalate-d6	13.922	166	2013354	19.707	ng/ul	-0.01
49) Acenaphthylene-d8	14.198	160	2296151	19.725	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	289062	20.496	ng/ul	0.00
60) Fluorene-d10	15.498	176	1701993	19.918	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	198355	19.429	ng/ul	0.00
73) Anthracene-d10	17.357	188	2531921	19.753	ng/ul	0.00
81) Pyrene-d10	19.598	212	2701647	19.037	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	1828215	19.755	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	94594	8.031	ng/uL	96
5) Pyridine	3.705	79	631618	20.767	ng/ul	99
6) Benzaldehyde	7.005	77	456714	22.954	ng/ul	98
8) Phenol	7.052	94	765163	20.747	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.293	93	648108	21.096	ng/ul	99
12) 2-Chlorophenol	7.428	128	623949	19.701	ng/ul	98
13) 2-Methylphenol	8.310	108	598935	20.849	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.399	45	889697	20.374	ng/ul	99
16) Acetophenone	8.693	105	997302	21.480	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	484292	18.672	ng/ul	99
18) 4-Methylphenol	8.640	108	650704	21.212	ng/ul	97
19) Hexachloroethane	8.951	117	259096	19.590	ng/ul	98
22) Nitrobenzene	9.069	77	689800	20.337	ng/ul	99
23) Isophorone	9.599	82	1409660	18.647	ng/ul	100
25) 2-Nitrophenol	9.781	139	309847	20.596	ng/ul	98
26) 2,4-Dimethylphenol	9.846	107	665101	19.692	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.087	93	908037	19.889	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	621824	20.124	ng/ul	99
30) Naphthalene	10.722	128	2141919	19.868	ng/ul	99
32) 4-Chloroaniline	10.828	127	897277	21.855	ng/ul	99
33) Hexachlorobutadiene	11.010	225	416882	19.781	ng/ul	99
34) Caprolactam	11.593	113	178458m	20.042	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	648823	19.639	ng/ul	96
36) 2-Methylnaphthalene	12.334	142	1500715	19.669	ng/ul	99

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37) 1-Methylnaphthalene	12.551	142	1521114	19.806	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	813150	20.053	ng/ul	99
40) Hexachlorocyclopentadiene	12.681	237	412954	17.981	ng/ul	100
41) 2,4,6-Trichlorophenol	12.934	196	495885	20.363	ng/ul	97
42) 2,4,5-Trichlorophenol	13.004	196	542241	20.591	ng/ul	98
43) 1,1'-Biphenyl	13.345	154	2010205	20.095	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	1592176	20.109	ng/ul	99
45) 2-Nitroaniline	13.581	65	358135	21.022	ng/ul	98
47) Dimethylphthalate	13.969	163	2000826	20.016	ng/ul	100
48) 2,6-Dinitrotoluene	14.081	165	359526	21.333	ng/ul	94
50) Acenaphthylene	14.228	152	2584292	19.916	ng/ul	99
51) 3-Nitroaniline	14.404	138	369779	22.083	ng/ul	99
52) Acenaphthene	14.569	153	1677519	19.790	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	111249	18.921	ng/ul	98
55) 4-Nitrophenol	14.704	109	213971	20.478	ng/ul	94
56) Dibenzofuran	14.904	168	2328587	20.094	ng/ul	100
57) 2,4-Dinitrotoluene	14.863	165	502718	22.074	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.128	232	427280	20.661	ng/ul	99
59) Diethylphthalate	15.334	149	1980446	19.723	ng/ul	99
61) Fluorene	15.551	166	1897941	20.083	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.551	204	960344	20.012	ng/ul	99
63) 4-Nitroaniline	15.569	138	349980	22.147	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.628	198	223587	19.747	ng/ul	98
67) N-Nitrosodiphenylamine	15.763	169	1594843	19.611	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	578786	19.115	ng/ul	98
69) Hexachlorobenzene	16.551	284	672373	19.863	ng/ul	98
70) Atrazine	16.722	200	519619	20.929	ng/ul	99
71) Pentachlorophenol	16.898	266	337729	19.418	ng/ul	98
72) Phenanthrene	17.298	178	2919525	20.014	ng/ul	99
74) Anthracene	17.386	178	2954802	20.068	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	809427	19.636	ng/uL	100
76) Pentachlorobenzene	14.822	250	791928	19.777	ng/uL	100
77) Carbazole	17.657	167	2529926	21.208	ng/ul	99
78) Di-n-butylphthalate	18.227	149	3217480	19.391	ng/ul	100
80) Fluoranthene	19.269	202	3188378	18.807	ng/ul	99
82) Pyrene	19.622	202	3270809	19.159	ng/ul	99
83) Butylbenzylphthalate	20.516	149	1157081	18.315	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.286	252	792055	18.366	ng/ul	99
85) Benzo(a)anthracene	21.345	228	2873707	19.775	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	1763388	18.604	ng/ul	100
87) Chrysene	21.398	228	2631269	19.898	ng/ul	100
89) Di-n-octyl phthalate	22.251	149	2436973	20.737	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	2379074	20.519	ng/ul	100
91) Benzo(k)fluoranthene	23.098	252	2335392	20.233	ng/ul	99
93) Benzo(a)pyrene	23.686	252	2137148	20.043	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.351	276	2336199	18.948	ng/ul	99
95) Dibenzo(a,h)anthracene	26.392	278	1937319	19.193	ng/ul	99
96) Benzo(g,h,i)perylene	27.139	276	1910416	19.132	ng/ul	100

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

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