Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016666.D
Acq On : 19 Aug 2023 07:07
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 19 07:46:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020693

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	425459	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1956310	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	1220664	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	2659087	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	2275470	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	2040909	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	76496	6.832	ng/uL	0.00
4) Pyridine-d5	3.828	84	580749	17.048	ng/ul	0.00
7) Phenol-d5	7.187	99	682013	17.388	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	438349	16.967	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	504579	17.910	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	559857	17.951	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	266607	19.368	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	271100	20.736	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	506553	19.688	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	787552	17.840	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1586835	17.973	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1850856	18.573	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	310347	17.255	ng/ul	0.00
60) Fluorene-d10	15.692	176	1340358	17.808	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	200565	15.855	ng/ul	0.00
73) Anthracene-d10	17.569	188	2078410	18.070	ng/ul	0.00
81) Pyrene-d10	19.798	212	2384620	20.000	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1767543	18.072	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	83433	6.777	ng/uL	97
5) Pyridine	3.846	79	603217	17.067	ng/ul	99
6) Benzaldehyde	7.205	77	445180	20.589	ng/ul	98
8) Phenol	7.216	94	720733	17.192	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.481	93	578247	17.075	ng/ul	98
12) 2-Chlorophenol	7.599	128	519658	17.530	ng/ul	99
13) 2-Methylphenol	8.487	108	535432	17.583	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	816756m	17.305	ng/ul	
16) Acetophenone	8.899	105	891578	17.702	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.869	70	496970	18.399	ng/ul	99
18) 4-Methylphenol	8.816	108	589552	17.615	ng/ul	95
19) Hexachloroethane	9.122	117	210664	17.010	ng/ul	97
22) Nitrobenzene	9.287	77	709510	18.412	ng/ul	100
23) Isophorone	9.804	82	1374083	18.879	ng/ul	100
25) 2-Nitrophenol	9.993	139	298772	19.990	ng/ul	99
26) 2,4-Dimethylphenol	10.028	107	643896	18.274	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.287	93	830459	17.800	ng/ul	99
29) 2,4-Dichlorophenol	10.516	162	507706	19.179	ng/ul	99
30) Naphthalene	10.928	128	1774298	17.359	ng/ul	100
32) 4-Chloroaniline	11.057	127	783090	17.910	ng/ul	99
33) Hexachlorobutadiene	11.163	225	285428	17.887	ng/ul	99
34) Caprolactam	11.875	113	191871	18.631	ng/ul	99
35) 4-Chloro-3-methylphenol	12.151	107	624663	19.305	ng/ul	100
36) 2-Methylnaphthalene	12.528	142	1221950	17.847	ng/ul	99

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37) 1-Methylnaphthalene	12.745	142	1246059	18.075	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	590846	18.097	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	283237	14.258	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	405076	19.935	ng/ul	99
42) 2,4,5-Trichlorophenol	13.198	196	435773	19.785	ng/ul	99
43) 1,1'-Biphenyl	13.534	154	1592084	17.547	ng/ul	99
44) 2-Chloronaphthalene	13.581	162	1253995	17.763	ng/ul	100
45) 2-Nitroaniline	13.810	65	429649	20.129	ng/ul	95
47) Dimethylphthalate	14.157	163	1595234	17.672	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	318778	20.388	ng/ul	99
50) Acenaphthylene	14.428	152	2123805	18.096	ng/ul	100
51) 3-Nitroaniline	14.634	138	352267	20.093	ng/ul	97
52) Acenaphthene	14.763	153	1372716	17.473	ng/ul	98
53) 2,4-Dinitrophenol	14.834	184	114370	13.139	ng/ul	97
55) 4-Nitrophenol	14.916	109	253568	17.342	ng/ul	98
56) Dibenzofuran	15.098	168	1865859	17.408	ng/ul	100
57) 2,4-Dinitrotoluene	15.081	165	462617	19.758	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.310	232	360303	19.524	ng/ul	99
59) Diethylphthalate	15.510	149	1652294	17.902	ng/ul	100
61) Fluorene	15.751	166	1549865	17.634	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	728135	17.649	ng/ul	99
63) 4-Nitroaniline	15.804	138	341669	20.364	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.828	198	221964	15.825	ng/ul	97
67) N-Nitrosodiphenylamine	15.963	169	1317507	18.279	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	439760	18.522	ng/ul	96
69) Hexachlorobenzene	16.728	284	503377	18.145	ng/ul	99
70) Atrazine	16.916	200	482347	18.601	ng/ul	99
71) Pentachlorophenol	17.086	266	299984	17.564	ng/ul	98
72) Phenanthrene	17.510	178	2444529	17.449	ng/ul	100
74) Anthracene	17.604	178	2506394	17.812	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	625294	18.504	ng/uL	97
76) Pentachlorobenzene	14.992	250	557243	18.378	ng/uL	99
77) Carbazole	17.880	167	2333774	17.997	ng/ul	99
78) Di-n-butylphthalate	18.392	149	2878392	19.175	ng/ul	100
80) Fluoranthene	19.469	202	2849472	20.024	ng/ul	99
82) Pyrene	19.827	202	2978340	19.820	ng/ul	98
83) Butylbenzylphthalate	20.686	149	1322582	21.849	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.480	252	831388	16.779	ng/ul	99
85) Benzo(a)anthracene	21.545	228	2754023	18.009	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	1924630	21.907	ng/ul	99
87) Chrysene	21.604	228	2508570	17.530	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	3176408	24.943	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2300670	18.932	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	2205223	18.292	ng/ul	99
93) Benzo(a)pyrene	24.033	252	2024121	17.657	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.892	276	2174294	16.071	ng/ul	99
95) Dibenzo(a,h)anthracene	26.921	278	1823979	16.200	ng/ul	98
96) Benzo(g,h,i)perylene	27.750	276	1726183	16.031	ng/ul	97

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

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