Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
Data File : BP016555.D
Acq On : 14 Aug 2023 11:34
Operator : MA/JU
Sample : SSTD02027
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 18:01:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 15:11:15 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020626

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	250567	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	1185576	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	742865	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	1651783	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	1632856	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1852518	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	53276	8.079	ng/uL	0.00
4) Pyridine-d5	3.834	84	410788	20.476	ng/ul	0.00
7) Phenol-d5	7.199	99	475100	20.567	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	318604	20.940	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	350541	21.127	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	381808	20.787	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	173336	20.779	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	161348	20.364	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	334305	21.440	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	567474	21.212	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	1130385	21.038	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1306312	21.540	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	227626	20.796	ng/ul	0.00
60) Fluorene-d10	15.704	176	968570	21.145	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	145831	18.558	ng/ul	0.00
73) Anthracene-d10	17.575	188	1542755	21.593	ng/ul	0.00
81) Pyrene-d10	19.804	212	1814046	21.202	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	1898242	21.381	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	58765	8.105	ng/uL	100
5) Pyridine	3.852	79	427147	20.521	ng/ul	100
6) Benzaldehyde	7.211	77	315236	24.756	ng/ul	100
8) Phenol	7.222	94	519808	21.053	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.493	93	417956	20.956	ng/ul	100
12) 2-Chlorophenol	7.611	128	367087	21.027	ng/ul	100
13) 2-Methylphenol	8.493	108	374907	20.905	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.575	45	594374m	21.387	ng/ul	
16) Acetophenone	8.910	105	646924	21.810	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.875	70	343516	21.594	ng/ul	100
18) 4-Methylphenol	8.828	108	417840	21.199	ng/ul	100
19) Hexachloroethane	9.140	117	148281	20.330	ng/ul	100
22) Nitrobenzene	9.299	77	490822	21.018	ng/ul	100
23) Isophorone	9.816	82	940395	21.320	ng/ul	100
25) 2-Nitrophenol	10.005	139	191592	21.152	ng/ul	100
26) 2,4-Dimethylphenol	10.040	107	454574	21.288	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.305	93	595293	21.054	ng/ul	100
29) 2,4-Dichlorophenol	10.522	162	344452	21.471	ng/ul	100
30) Naphthalene	10.946	128	1297153	20.941	ng/ul	100
32) 4-Chloroaniline	11.069	127	566182	21.371	ng/ul	100
33) Hexachlorobutadiene	11.181	225	196434	20.312	ng/ul	100
34) Caprolactam	11.875	113	129085	20.486	ng/ul	100
35) 4-Chloro-3-methylphenol	12.157	107	425096	21.678	ng/ul	100
36) 2-Methylnaphthalene	12.540	142	872161	21.020	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	884520	21.172	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.893	216	406348	20.451	ng/ul	100
40) Hexachlorocyclopentadiene	12.846	237	225098	18.619	ng/ul	100
41) 2,4,6-Trichlorophenol	13.140	196	262094	21.195	ng/ul	100
42) 2,4,5-Trichlorophenol	13.204	196	286921	21.405	ng/ul	100
43) 1,1'-Biphenyl	13.546	154	1145702	20.749	ng/ul	100
44) 2-Chloronaphthalene	13.593	162	893907	20.807	ng/ul	100
45) 2-Nitroaniline	13.816	65	278014	21.402	ng/ul	100
47) Dimethylphthalate	14.169	163	1163366	21.177	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	203859	21.424	ng/ul	100
50) Acenaphthylene	14.440	152	1525739	21.362	ng/ul	100
51) 3-Nitroaniline	14.645	138	229930	21.551	ng/ul	100
52) Acenaphthene	14.775	153	999866	20.913	ng/ul	100
53) 2,4-Dinitrophenol	14.840	184	87743	16.564	ng/ul	100
55) 4-Nitrophenol	14.922	109	190527	21.411	ng/ul	100
56) Dibenzofuran	15.110	168	1370795	21.014	ng/ul	100
57) 2,4-Dinitrotoluene	15.087	165	316038	22.179	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.322	232	241691	21.521	ng/ul	100
59) Diethylphthalate	15.522	149	1190684	21.198	ng/ul	100
61) Fluorene	15.763	166	1135427	21.228	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	527060	20.992	ng/ul	100
63) 4-Nitroaniline	15.810	138	233657	22.884	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.840	198	164792	18.914	ng/ul	100
67) N-Nitrosodiphenylamine	15.975	169	951811	21.258	ng/ul	100
68) 4-Bromophenyl-phenylether	16.657	248	307556	20.854	ng/ul	100
69) Hexachlorobenzene	16.739	284	358017	20.776	ng/ul	100
70) Atrazine	16.928	200	336728	20.904	ng/ul	100
71) Pentachlorophenol	17.098	266	205876	19.404	ng/ul	100
72) Phenanthrene	17.522	178	1839125	21.134	ng/ul	100
74) Anthracene	17.610	178	1873276	21.431	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.498	216	430089	20.489	ng/uL	100
76) Pentachlorobenzene	15.004	250	390376	20.726	ng/uL	100
77) Carbazole	17.892	167	1762557	21.881	ng/ul	100
78) Di-n-butylphthalate	18.404	149	2057038	22.060	ng/ul	100
80) Fluoranthene	19.481	202	2150167	21.056	ng/ul	100
82) Pyrene	19.833	202	2290567	21.243	ng/ul	100
83) Butylbenzylphthalate	20.692	149	934323	21.509	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.492	252	738538	20.771	ng/ul	100
85) Benzo(a)anthracene	21.557	228	2313634	21.083	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	1364756	21.648	ng/ul	100
87) Chrysene	21.610	228	2135233	20.793	ng/ul	100
89) Di-n-octyl phthalate	22.422	149	2357094	20.393	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	2318460	21.019	ng/ul	100
91) Benzo(k)fluoranthene	23.404	252	2293742	20.961	ng/ul	100
93) Benzo(a)pyrene	24.039	252	2214051	21.278	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.910	276	2596685	21.145	ng/ul	100
95) Dibenzo(a,h)anthracene	26.939	278	2165647	21.190	ng/ul	100
96) Benzo(g,h,i)perylene	27.774	276	2045662	20.930	ng/ul	100

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

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