Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016812.D
Acq On : 29 Aug 2023 03:11
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020708

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 05:02:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 01:12:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	508101	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	2276540	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	1464534	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	3246788	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	2884433	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	2623775	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	90003	7.321	ng/uL	0.00
4) Pyridine-d5	3.816	84	685524	18.247	ng/ul	0.00
7) Phenol-d5	7.169	99	817255	18.089	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	518812	18.017	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	642851	18.924	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	673998	18.274	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	325083	18.886	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	349851	19.282	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	653996	19.335	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	960943	18.525	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1993326	18.048	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	2347163	18.799	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	382204	16.743	ng/ul	0.00
60) Fluorene-d10	15.675	176	1723645	18.532	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	303205	15.681	ng/ul	0.00
73) Anthracene-d10	17.551	188	2713516	18.855	ng/ul	0.00
81) Pyrene-d10	19.780	212	3152833	19.902	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	2434457	18.523	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	97652	7.294	ng/uL	97
5) Pyridine	3.840	79	710391	18.357	ng/ul	98
6) Benzaldehyde	7.187	77	519073	21.009	ng/ul	100
8) Phenol	7.199	94	862793	18.247	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.463	93	688073	18.028	ng/ul	97
12) 2-Chlorophenol	7.581	128	652671	18.797	ng/ul	97
13) 2-Methylphenol	8.463	108	645612	18.203	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	1000298m	17.967	ng/ul	
16) Acetophenone	8.881	105	1059021	18.518	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.851	70	563563	18.699	ng/ul	99
18) 4-Methylphenol	8.799	108	710135	18.387	ng/ul	99
19) Hexachloroethane	9.099	117	261270	18.084	ng/ul	96
22) Nitrobenzene	9.269	77	821904	18.612	ng/ul	100
23) Isophorone	9.787	82	1560366	18.193	ng/ul	99
25) 2-Nitrophenol	9.975	139	384537	19.168	ng/ul	99
26) 2,4-Dimethylphenol	10.010	107	752464	18.661	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	953654	18.023	ng/ul	99
29) 2,4-Dichlorophenol	10.493	162	653414	19.231	ng/ul	99
30) Naphthalene	10.910	128	2187612	18.550	ng/ul	99
32) 4-Chloroaniline	11.040	127	945031	18.539	ng/ul	100
33) Hexachlorobutadiene	11.140	225	381300	18.218	ng/ul	99
34) Caprolactam	11.857	113	228517m	18.237	ng/ul	
35) 4-Chloro-3-methylphenol	12.134	107	720538	18.911	ng/ul	100
36) 2-Methylnaphthalene	12.510	142	1523841	18.721	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.728	142	1532140	18.666	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.857	216	771565	18.484	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	563213	18.348	ng/ul	99
41) 2,4,6-Trichlorophenol	13.110	196	528973	18.977	ng/ul	100
42) 2,4,5-Trichlorophenol	13.181	196	564209	18.706	ng/ul	98
43) 1,1'-Biphenyl	13.516	154	1990068	18.276	ng/ul	100
44) 2-Chloronaphthalene	13.563	162	1598847	18.600	ng/ul	100
45) 2-Nitroaniline	13.792	65	480303	18.424	ng/ul	97
47) Dimethylphthalate	14.139	163	1996319	17.847	ng/ul	100
48) 2,6-Dinitrotoluene	14.287	165	407534	18.594	ng/ul	96
50) Acenaphthylene	14.410	152	2669883	18.683	ng/ul	100
51) 3-Nitroaniline	14.622	138	423461	18.554	ng/ul	97
52) Acenaphthene	14.745	153	1733045	18.331	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	277388	17.417	ng/ul	93
55) 4-Nitrophenol	14.904	109	286705	16.630	ng/ul	99
56) Dibenzofuran	15.081	168	2372773	18.291	ng/ul	98
57) 2,4-Dinitrotoluene	15.063	165	594933	18.441	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.292	232	475580	18.521	ng/ul	100
59) Diethylphthalate	15.492	149	2012800	17.713	ng/ul	100
61) Fluorene	15.733	166	1990488	18.345	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	962697	18.071	ng/ul	99
63) 4-Nitroaniline	15.792	138	411345	18.941	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.816	198	329953	15.828	ng/ul	100
67) N-Nitrosodiphenylamine	15.945	169	1658692	18.471	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	574770	18.464	ng/ul	99
69) Hexachlorobenzene	16.710	284	630947	18.103	ng/ul	99
70) Atrazine	16.898	200	615570	18.182	ng/ul	99
71) Pentachlorophenol	17.075	266	465138	17.978	ng/ul	100
72) Phenanthrene	17.492	178	3168013	18.534	ng/ul	100
74) Anthracene	17.586	178	3231889	18.700	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	818209	18.821	ng/uL	99
76) Pentachlorobenzene	14.975	250	720821	18.554	ng/uL	99
77) Carbazole	17.869	167	2956674	18.995	ng/ul	100
78) Di-n-butylphthalate	18.375	149	3559206	18.328	ng/ul	100
80) Fluoranthene	19.451	202	3748416	19.697	ng/ul	100
82) Pyrene	19.810	202	3886114	19.769	ng/ul	100
83) Butylbenzylphthalate	20.669	149	1636781	19.307	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.468	252	1127370	18.286	ng/ul	99
85) Benzo(a)anthracene	21.527	228	3706115	18.654	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	2406904	19.444	ng/ul	100
87) Chrysene	21.586	228	3342672	18.521	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	4042746	20.460	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	3091497	18.452	ng/ul	100
91) Benzo(k)fluoranthene	23.368	252	3072909	18.545	ng/ul	99
93) Benzo(a)pyrene	23.998	252	2777419	18.327	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.845	276	2946958	19.030	ng/ul	99
95) Dibenzo(a,h)anthracene	26.868	278	2451587	19.060	ng/ul	99
96) Benzo(g,h,i)perylene	27.703	276	2300547	19.595	ng/ul	98

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

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