Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041223\
Data File : BP014684.D
Acq On : 12 Apr 2023 21:50
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020674

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

Quant Time: Apr 13 02:03:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 13 02:01:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	124266	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	530568	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	314504	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	548949	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	483971	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	568206	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	29535	9.217	ng/uL	0.00
4) Pyridine-d5	3.793	84	185089	22.539	ng/ul	0.00
7) Phenol-d5	7.140	99	235652	20.562	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	170515	23.190	ng/ul	0.00
11) 2-Chlorophenol-d4	7.504	132	183286	22.127	ng/ul	0.00
15) 4-Methylphenol-d8	8.693	113	190060	20.560	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	88996	20.778	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	103944	21.193	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	180681	20.228	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	235309	20.000	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	518039	20.315	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	590466	20.868	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	62294	16.170	ng/ul	0.00
60) Fluorene-d10	15.622	176	394179	18.536	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	79237	19.617	ng/ul	0.00
73) Anthracene-d10	17.486	188	547138	20.595	ng/ul	0.00
81) Pyrene-d10	19.721	212	587387	18.069	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	634622	21.022	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	33130	9.408	ng/uL	97
5) Pyridine	3.811	79	201816	23.484	ng/ul	95
6) Benzaldehyde	7.116	77	159094m	27.929	ng/ul	
8) Phenol	7.163	94	253663	21.337	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.393	93	211255	22.112	ng/ul	96
12) 2-Chlorophenol	7.534	128	186874	21.676	ng/ul	91
13) 2-Methylphenol	8.422	108	184076	20.762	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.498	45	312751	24.933	ng/ul	97
16) Acetophenone	8.810	105	318559	20.868	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.787	70	185776	22.527	ng/ul#	90
18) 4-Methylphenol	8.757	108	204428	20.995	ng/ul	100
19) Hexachloroethane	9.051	117	85169	22.610	ng/ul	89
22) Nitrobenzene	9.193	77	272238	22.125	ng/ul	97
23) Isophorone	9.716	82	494204	21.789	ng/ul	99
25) 2-Nitrophenol	9.910	139	107892	20.842	ng/ul	95
26) 2,4-Dimethylphenol	9.963	107	246859	21.305	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.198	93	286020	21.033	ng/ul	100
29) 2,4-Dichlorophenol	10.445	162	178314	20.285	ng/ul	95
30) Naphthalene	10.840	128	624002	21.114	ng/ul	99
32) 4-Chloroaniline	10.963	127	239409	20.090	ng/ul	100
33) Hexachlorobutadiene	11.116	225	136061	19.538	ng/ul	98
34) Caprolactam	11.763	113	50483m	19.440	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	217174	20.086	ng/ul	97
36) 2-Methylnaphthalene	12.451	142	403880	20.165	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	400036	20.139	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.816	216	232506	20.735	ng/ul	98
40) Hexachlorocyclopentadiene	12.781	237	132846	18.294	ng/ul	100
41) 2,4,6-Trichlorophenol	13.063	196	143036	20.614	ng/ul	98
42) 2,4,5-Trichlorophenol	13.139	196	146885	19.884	ng/ul	96
43) 1,1'-Biphenyl	13.457	154	546934	21.525	ng/ul	98
44) 2-Chloronaphthalene	13.498	162	428349	21.321	ng/ul	99
45) 2-Nitroaniline	13.722	65	146581	23.559	ng/ul	91
47) Dimethylphthalate	14.081	163	517904	20.313	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	101652	20.406	ng/ul	89
50) Acenaphthylene	14.345	152	644618	21.391	ng/ul	98
51) 3-Nitroaniline	14.551	138	85802	19.226	ng/ul	96
52) Acenaphthene	14.686	153	443971	20.849	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	47556	14.742	ng/ul#	83
55) 4-Nitrophenol	14.869	109	66073	17.378	ng/ul	95
56) Dibenzofuran	15.022	168	609873	20.373	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	141019	19.957	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.257	232	124587m	18.765	ng/ul	
59) Diethylphthalate	15.445	149	484131	19.108	ng/ul	98
61) Fluorene	15.675	166	460253	18.969	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	236123	18.113	ng/ul	97
63) 4-Nitroaniline	15.722	138	59163	16.316	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.769	198	77635	19.833	ng/ul	92
67) N-Nitrosodiphenylamine	15.886	169	374530	21.928	ng/ul	97
68) 4-Bromophenyl-phenylether	16.569	248	138142	20.223	ng/ul	98
69) Hexachlorobenzene	16.686	284	157054	20.016	ng/ul	99
70) Atrazine	16.845	200	128393	20.650	ng/ul	99
71) Pentachlorophenol	17.039	266	82941	18.247	ng/ul	99
72) Phenanthrene	17.433	178	642364	21.033	ng/ul	99
74) Anthracene	17.522	178	656866	21.340	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	237802	24.610	ng/uL	99
76) Pentachlorobenzene	14.939	250	220752	22.896	ng/uL	97
77) Carbazole	17.798	167	526873	20.454	ng/ul	100
78) Di-n-butylphthalate	18.327	149	670840	20.712	ng/ul	99
80) Fluoranthene	19.398	202	681550	17.732	ng/ul	100
82) Pyrene	19.751	202	714468	17.804	ng/ul	99
83) Butylbenzylphthalate	20.610	149	284255	20.565	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	223728	20.902	ng/ul	99
85) Benzo(a)anthracene	21.463	228	717841	20.931	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.363	149	402551	21.297	ng/ul	100
87) Chrysene	21.521	228	690433	21.321	ng/ul	99
89) Di-n-octyl phthalate	22.315	149	709797	19.250	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	761340	19.839	ng/ul	100
91) Benzo(k)fluoranthene	23.262	252	784203	21.040	ng/ul	99
93) Benzo(a)pyrene	23.868	252	685193	20.743	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.598	276	939606	20.676	ng/ul	98
95) Dibenzo(a,h)anthracene	26.609	278	781057	20.528	ng/ul	99
96) Benzo(g,h,i)perylene	27.403	276	775535	20.936	ng/ul	97

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

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