Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014479.D
Acq On : 03 Apr 2023 10:34
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020655

Quant Time: Apr 04 00:50:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 31 04:41:29 2023
Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	133834	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	584997	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.663	164	404867	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.428	188	954483	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	941014	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	937067	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	29178	8.455	ng/uL	0.00
4) Pyridine-d5	3.817	84	202491	22.896	ng/ul	0.00
7) Phenol-d5	7.181	99	261828	21.213	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	170717	21.557	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	195531	21.918	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	216122	21.707	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	99405	21.049	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	117338	21.698	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.458	165	215498	21.881	ng/ul	0.00
31) 4-Chloroaniline-d4	10.981	131	283728	21.872	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	690513	21.035	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	769870	21.136	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	92179	18.587	ng/ul	0.01
60) Fluorene-d10	15.657	176	596815	21.801	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	118780	16.912	ng/ul	0.00
73) Anthracene-d10	17.528	188	976105	21.131	ng/ul	0.00
81) Pyrene-d10	19.757	212	1184747	18.744	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1064857	21.389	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	32263	8.507	ng/uL	94
5) Pyridine	3.834	79	209344	22.619	ng/ul	95
6) Benzaldehyde	7.146	77	165717m	27.011	ng/ul	
8) Phenol	7.205	94	274447	21.434	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.428	93	216811	21.071	ng/ul	99
12) 2-Chlorophenol	7.575	128	199114	21.444	ng/ul	93
13) 2-Methylphenol	8.463	108	203804	21.344	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	304095m	22.509	ng/ul	
16) Acetophenone	8.846	105	351137	21.358	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.822	70	196982	22.178	ng/ul	94
18) 4-Methylphenol	8.799	108	226373	21.587	ng/ul	99
19) Hexachloroethane	9.087	117	89329	22.019	ng/ul	92
22) Nitrobenzene	9.228	77	286261	21.100	ng/ul	98
23) Isophorone	9.758	82	532342	21.286	ng/ul	99
25) 2-Nitrophenol	9.946	139	120487	21.109	ng/ul	96
26) 2,4-Dimethylphenol	10.005	107	275539	21.568	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.240	93	311112	20.749	ng/ul	99
29) 2,4-Dichlorophenol	10.487	162	209840	21.651	ng/ul	94
30) Naphthalene	10.881	128	692410	21.249	ng/ul	99
32) 4-Chloroaniline	11.005	127	285205	21.706	ng/ul	100
33) Hexachlorobutadiene	11.157	225	161346	21.013	ng/ul	97
34) Caprolactam	11.799	113	69897m	24.411	ng/ul	
35) 4-Chloro-3-methylphenol	12.134	107	263752	22.125	ng/ul	99
36) 2-Methylnaphthalene	12.487	142	484020	21.918	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.704	142	486553	22.216	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.852	216	290491	20.124	ng/ul	98
40)	Hexachlorocyclopentadiene	12.822	237	128833	13.782	ng/ul	98
41)	2,4,6-Trichlorophenol	13.104	196	186270	20.853	ng/ul	98
42)	2,4,5-Trichlorophenol	13.187	196	198678	20.893	ng/ul	96
43)	1,1'-Biphenyl	13.493	154	669527	20.469	ng/ul	99
44)	2-Chloronaphthalene	13.540	162	531751	20.560	ng/ul	100
45)	2-Nitroaniline	13.757	65	181532	22.665	ng/ul	96
47)	Dimethylphthalate	14.116	163	690952	21.051	ng/ul	99
48)	2,6-Dinitrotoluene	14.246	165	140933	21.977	ng/ul	94
50)	Acenaphthylene	14.387	152	828198	21.349	ng/ul	100
51)	3-Nitroaniline	14.587	138	131360	22.865	ng/ul#	95
52)	Acenaphthene	14.728	153	576966	21.047	ng/ul	99
53)	2,4-Dinitrophenol	14.798	184	56081	13.505	ng/ul	95
55)	4-Nitrophenol	14.910	109	95654	19.543	ng/ul	98
56)	Dibenzofuran	15.063	168	819967	21.278	ng/ul	100
57)	2,4-Dinitrotoluene	15.040	165	209042	22.981	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.298	232	186635	21.837	ng/ul#	98
59)	Diethylphthalate	15.481	149	717799	22.007	ng/ul	99
61)	Fluorene	15.716	166	674785	21.603	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.704	204	354796	21.142	ng/ul	99
63)	4-Nitroaniline	15.757	138	122616	26.269	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.804	198	114217	16.781	ng/ul	97
67)	N-Nitrosodiphenylamine	15.922	169	577840	19.458	ng/ul	98
68)	4-Bromophenyl-phenylether	16.604	248	226637	19.082	ng/ul	98
69)	Hexachlorobenzene	16.722	284	266153	19.509	ng/ul	98
70)	Atrazine	16.881	200	234182	21.662	ng/ul	99
71)	Pentachlorophenol	17.081	266	134955	17.075	ng/ul	98
72)	Phenanthrene	17.469	178	1106154	20.831	ng/ul	100
74)	Anthracene	17.563	178	1133118	21.172	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.463	216	298007	17.737	ng/uL	98
76)	Pentachlorobenzene	14.981	250	305607	18.229	ng/uL	99
77)	Carbazole	17.839	167	1025446	22.896	ng/ul	99
78)	Di-n-butylphthalate	18.363	149	1275903	22.656	ng/ul	100
80)	Fluoranthene	19.434	202	1381184	18.481	ng/ul	99
82)	Pyrene	19.786	202	1436245	18.408	ng/ul	99
83)	Butylbenzylphthalate	20.645	149	613097	22.812	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.428	252	448409	21.546	ng/ul	100
85)	Benzo(a)anthracene	21.498	228	1417338	21.255	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.392	149	917366	24.961	ng/ul	99
87)	Chrysene	21.557	228	1354790	21.517	ng/ul	99
89)	Di-n-octyl phthalate	22.357	149	1534176	25.229	ng/ul	100
90)	Benzo(b)fluoranthene	23.257	252	1363420	21.543	ng/ul	99
91)	Benzo(k)fluoranthene	23.310	252	1297141	21.103	ng/ul	99
93)	Benzo(a)pyrene	23.922	252	1148253	21.078	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.680	276	1391645	18.569	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.698	278	1155222	18.410	ng/ul	99
96)	Benzo(g,h,i)perylene	27.498	276	1108751	18.149	ng/ul	99

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

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