Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050123\
Data File : BP014907.D
Acq On : 01 May 2023 10:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 00:26:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 29 00:40:33 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020692

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.175	152	205755	20.000	ng/ul	0.00
20) Naphthalene-d8	11.010	136	842272	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.822	164	486698	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.575	188	997950	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	925441	20.000	ng/ul	0.00
88) Perylene-d12	24.268	264	974892	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	48479	8.491	ng/uL	0.00
4) Pyridine-d5	3.905	84	320380	23.345	ng/ul	0.00
7) Phenol-d5	7.310	99	358046	22.234	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.487	67	231264	22.897	ng/ul	0.00
11) 2-Chlorophenol-d4	7.693	132	281709	23.104	ng/ul	0.00
15) 4-Methylphenol-d8	8.881	113	276279	22.515	ng/ul	0.00
21) Nitrobenzene-d5	9.346	128	128303	21.216	ng/ul	0.00
24) 2-Nitrophenol-d4	10.075	143	131608	23.707	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	271624	22.781	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	364527	21.146	ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	773565	22.178	ng/ul	0.00
49) Acenaphthylene-d8	14.510	160	922932	22.152	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	110712	21.332	ng/ul	0.00
60) Fluorene-d10	15.810	176	677572	22.285	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	101808	24.118	ng/ul	0.00
73) Anthracene-d10	17.675	188	1027668	22.548	ng/ul	0.00
81) Pyrene-d10	19.892	212	1134576	22.073	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.098	264	1078865	22.406	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	51915	8.540	ng/uL	98
5) Pyridine	3.922	79	334616	23.249	ng/ul	98
6) Benzaldehyde	7.299	77	108361	23.747	ng/ul	96
8) Phenol	7.340	94	382378	22.895	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.581	93	324668	22.686	ng/ul	99
12) 2-Chlorophenol	7.728	128	307544	23.506	ng/ul	100
13) 2-Methylphenol	8.610	108	281919	21.790	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.710	45	425266m	23.519	ng/ul	
16) Acetophenone	9.004	105	468444	23.503	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.987	70	236502	24.994	ng/ul	97
18) 4-Methylphenol	8.946	108	305921	22.405	ng/ul	97
19) Hexachloroethane	9.269	117	134730	21.858	ng/ul	99
22) Nitrobenzene	9.393	77	343560	22.394	ng/ul	100
23) Isophorone	9.922	82	665551	24.083	ng/ul	99
25) 2-Nitrophenol	10.110	139	148568	23.821	ng/ul	94
26) 2,4-Dimethylphenol	10.163	107	338956	22.780	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.404	93	430070	22.566	ng/ul	100
29) 2,4-Dichlorophenol	10.646	162	280573	23.563	ng/ul	99
30) Naphthalene	11.057	128	1017947	21.979	ng/ul	99
32) 4-Chloroaniline	11.163	127	384609	21.384	ng/ul	99
33) Hexachlorobutadiene	11.345	225	192044	20.995	ng/ul	98
34) Caprolactam	11.928	113	75761m	24.794	ng/ul	
35) 4-Chloro-3-methylphenol	12.269	107	278397	22.789	ng/ul	99
36) 2-Methylnaphthalene	12.657	142	625237	21.394	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.875	142	642352	21.892	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.016	216	343010	21.090	ng/ul	98
40) Hexachlorocyclopentadiene	12.998	237	203880	19.969	ng/ul	99
41) 2,4,6-Trichlorophenol	13.251	196	207102	25.062	ng/ul	98
42) 2,4,5-Trichlorophenol	13.322	196	220527	22.133	ng/ul	98
43) 1,1'-Biphenyl	13.651	154	875489	22.420	ng/ul	100
44) 2-Chloronaphthalene	13.698	162	680628	22.130	ng/ul	99
45) 2-Nitroaniline	13.898	65	147926	22.017	ng/ul	98
47) Dimethylphthalate	14.263	163	817803	22.681	ng/ul	100
48) 2,6-Dinitrotoluene	14.387	165	139743	21.514	ng/ul	92
50) Acenaphthylene	14.539	152	1056908	22.693	ng/ul	99
51) 3-Nitroaniline	14.716	138	91711	17.416	ng/ul	98
52) Acenaphthene	14.881	153	727531	22.663	ng/ul	99
53) 2,4-Dinitrophenol	14.922	184	50516	20.588	ng/ul	99
55) 4-Nitrophenol	15.010	109	89339	22.763	ng/ul	96
56) Dibenzofuran	15.216	168	997138	22.535	ng/ul	98
57) 2,4-Dinitrotoluene	15.169	165	201946	22.554	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.439	232	190186	25.010	ng/ul	98
59) Diethylphthalate	15.628	149	802262	22.815	ng/ul	100
61) Fluorene	15.869	166	820866	23.204	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.857	204	399142	22.326	ng/ul	100
63) 4-Nitroaniline	15.875	138	87544	20.820	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.933	198	110598	25.293	ng/ul	96
67) N-Nitrosodiphenylamine	16.069	169	671725	22.814	ng/ul	99
68) 4-Bromophenyl-phenylether	16.757	248	233479	21.503	ng/ul	98
69) Hexachlorobenzene	16.875	284	272943	21.326	ng/ul	99
70) Atrazine	17.022	200	226525	21.252	ng/ul	98
71) Pentachlorophenol	17.216	266	144996	25.598	ng/ul	98
72) Phenanthrene	17.616	178	1237613	22.550	ng/ul	100
74) Anthracene	17.710	178	1286499	23.399	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.622	216	350737	21.338	ng/uL	98
76) Pentachlorobenzene	15.134	250	337542	21.392	ng/uL	99
77) Carbazole	17.975	167	1053233	22.458	ng/ul	99
78) Di-n-butylphthalate	18.510	149	1277936	21.965	ng/ul	100
80) Fluoranthene	19.569	202	1359561	21.861	ng/ul	100
82) Pyrene	19.922	202	1480725	22.403	ng/ul	99
83) Butylbenzylphthalate	20.780	149	514959	20.702	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.568	252	402178	20.023	ng/ul	100
85) Benzo(a)anthracene	21.645	228	1358288	21.882	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	768846	20.390	ng/ul	99
87) Chrysene	21.698	228	1383794	22.399	ng/ul	100
89) Di-n-octyl phthalate	22.539	149	1285132	20.326	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	1320103	21.761	ng/ul	100
91) Benzo(k)fluoranthene	23.515	252	1518190m	24.122	ng/ul	
93) Benzo(a)pyrene	24.151	252	1249059	22.640	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.033	276	1608833	21.959	ng/ul	99
95) Dibenzo(a,h)anthracene	27.056	278	1342003	22.147	ng/ul	100
96) Benzo(g,h,i)perylene	27.892	276	1321546	21.855	ng/ul	100

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

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