Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
Data File : BP014928.D
Acq On : 03 May 2023 12:26
Operator : CG/JU
Sample : SSTD02067
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 03 23:15:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 14:42:28 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020606

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	281074	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	1254678	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	762987	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	1538929	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1143548	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	940328	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	65499	8.665	ng/uL	0.00
4) Pyridine-d5	3.899	84	448128	21.688	ng/ul	0.00
7) Phenol-d5	7.305	99	524033	21.504	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	336545	22.344	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	400283	22.339	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	415706	22.137	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	199448	22.351	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	207146	22.607	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.611	165	409553	22.764	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	594823	22.857	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	1226724	22.717	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	1456002	22.482	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	199917	21.281	ng/ul	0.00
60) Fluorene-d10	15.804	176	1059167	22.798	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	182865	21.108	ng/ul	0.00
73) Anthracene-d10	17.663	188	1572565	22.743	ng/ul	0.00
81) Pyrene-d10	19.886	212	1637078	21.226	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	1039229	22.682	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.499	88	69914	8.537	ng/uL	100
5) Pyridine	3.917	79	469440	21.824	ng/ul	100
6) Benzaldehyde	7.293	77	154679	23.216	ng/ul	100
8) Phenol	7.334	94	560416	21.905	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.575	93	473810	22.281	ng/ul	100
12) 2-Chlorophenol	7.722	128	434447	22.382	ng/ul	100
13) 2-Methylphenol	8.605	108	422051	22.124	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.699	45	614952	22.799	ng/ul	100
16) Acetophenone	8.999	105	735428	23.951	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.981	70	370941	23.704	ng/ul	100
18) 4-Methylphenol	8.940	108	479122	22.719	ng/ul	100
19) Hexachloroethane	9.264	117	186215	22.111	ng/ul	100
22) Nitrobenzene	9.381	77	528277	22.531	ng/ul	100
23) Isophorone	9.916	82	1065096	22.985	ng/ul	100
25) 2-Nitrophenol	10.105	139	239535	22.730	ng/ul	100
26) 2,4-Dimethylphenol	10.158	107	521944	22.822	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.399	93	664626	22.436	ng/ul	100
29) 2,4-Dichlorophenol	10.640	162	423577	22.761	ng/ul	100
30) Naphthalene	11.052	128	1530444	22.191	ng/ul	100
32) 4-Chloroaniline	11.158	127	628525	23.145	ng/ul	100
33) Hexachlorobutadiene	11.334	225	258998	21.569	ng/ul	100
34) Caprolactam	11.928	113	128286m	22.340	ng/ul	
35) 4-Chloro-3-methylphenol	12.263	107	453521	23.707	ng/ul	100
36) 2-Methylnaphthalene	12.646	142	976281	22.891	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.869	142	996612	22.669	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	13.010	216	504858	21.213	ng/ul	100
40)	Hexachlorocyclopentadiene	12.993	237	321120	20.010	ng/ul	100
41)	2,4,6-Trichlorophenol	13.246	196	325003	22.162	ng/ul	100
42)	2,4,5-Trichlorophenol	13.316	196	355303	22.479	ng/ul	100
43)	1,1'-Biphenyl	13.646	154	1338607	21.945	ng/ul	100
44)	2-Chloronaphthalene	13.693	162	1044404	21.980	ng/ul	100
45)	2-Nitroaniline	13.893	65	260906	23.833	ng/ul	100
47)	Dimethylphthalate	14.257	163	1287958	22.683	ng/ul	100
48)	2,6-Dinitrotoluene	14.381	165	236268	23.547	ng/ul	100
50)	Acenaphthylene	14.534	152	1656429	22.560	ng/ul	100
51)	3-Nitroaniline	14.710	138	177686	19.572	ng/ul	100
52)	Acenaphthene	14.875	153	1136317	22.364	ng/ul	100
53)	2,4-Dinitrophenol	14.910	184	117448	19.232	ng/ul	100
55)	4-Nitrophenol	15.004	109	160127	22.393	ng/ul	100
56)	Dibenzofuran	15.210	168	1544367	22.526	ng/ul	100
57)	2,4-Dinitrotoluene	15.163	165	345191	24.562	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.428	232	299052	23.248	ng/ul	100
59)	Diethylphthalate	15.622	149	1262599	23.533	ng/ul	100
61)	Fluorene	15.857	166	1251561	23.142	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.846	204	603736	22.812	ng/ul	100
63)	4-Nitroaniline	15.869	138	162132	21.812	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.928	198	197372	21.479	ng/ul	100
67)	N-Nitrosodiphenylamine	16.063	169	1048277	22.443	ng/ul	100
68)	4-Bromophenyl-phenylether	16.745	248	347439	21.702	ng/ul	100
69)	Hexachlorobenzene	16.863	284	403324	21.388	ng/ul	100
70)	Atrazine	17.010	200	350027	22.270	ng/ul	100
71)	Pentachlorophenol	17.210	266	230736	20.961	ng/ul	100
72)	Phenanthrene	17.610	178	1907862	22.440	ng/ul	100
74)	Anthracene	17.698	178	1929433	22.794	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.616	216	514971	20.215	ng/uL	100
76)	Pentachlorobenzene	15.128	250	502898	20.750	ng/uL	100
77)	Carbazole	17.963	167	1639159	23.024	ng/ul	100
78)	Di-n-butylphthalate	18.498	149	1981827	24.894	ng/ul	100
80)	Fluoranthene	19.557	202	2006782	21.204	ng/ul	100
82)	Pyrene	19.910	202	2142514	21.368	ng/ul	100
83)	Butylbenzylphthalate	20.769	149	725331	24.094	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.557	252	415044	21.699	ng/ul	100
85)	Benzo(a)anthracene	21.633	228	1719851	22.532	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.533	149	946470	24.987	ng/ul	100
87)	Chrysene	21.686	228	1703182	22.161	ng/ul	100
89)	Di-n-octyl phthalate	22.522	149	1369884	24.950	ng/ul	100
90)	Benzo(b)fluoranthene	23.445	252	1441928	23.727	ng/ul	100
91)	Benzo(k)fluoranthene	23.498	252	1433360	23.175	ng/ul	100
93)	Benzo(a)pyrene	24.133	252	1221218	22.913	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	27.010	276	1245725	19.233	ng/ul	100
95)	Dibenzo(a,h)anthracene	27.027	278	1033015	19.569	ng/ul	100
96)	Benzo(g,h,i)perylene	27.857	276	1011144	18.274	ng/ul	100

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

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