Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
Data File : BP014927.D
Acq On : 03 May 2023 11:52
Operator : CG/JU
Sample : SSTD01066
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 03 23:13:16 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 :
SSTD010605

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	8.163	152	251513	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	1098774	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	643325	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	1244785	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	779170	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	644679	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	27083	4.004	ng/uL	0.00
4) Pyridine-d5	3.899	84	175356	9.484	ng/ul	0.00
7) Phenol-d5	7.305	99	189880	8.708	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	132940	9.864	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	149942	9.352	ng/ul	0.00
15) 4-Methylphenol-d8	8.869	113	149223	8.880	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	69671	8.915	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	67162	8.370	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	145656	9.245	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	198296	8.701	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	448988	9.861	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	533682	9.773	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	53916	6.807	ng/ul	0.00
60) Fluorene-d10	15.804	176	391964	10.006	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	48915	6.981	ng/ul	0.00
73) Anthracene-d10	17.663	188	556090	9.943	ng/ul	0.00
81) Pyrene-d10	19.880	212	541425	10.303	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	293832	9.354	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.499	88	29105	3.971	ng/uL	97
5) Pyridine	3.922	79	179827	9.343	ng/ul	99
6) Benzaldehyde	7.293	77	45164	7.575	ng/ul	97
8) Phenol	7.334	94	208581	9.111	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.575	93	182608	9.597	ng/ul	99
12) 2-Chlorophenol	7.722	128	164569	9.475	ng/ul	100
13) 2-Methylphenol	8.605	108	150596	8.822	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.699	45	245614	10.176	ng/ul	99
16) Acetophenone	8.999	105	268319	9.766	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.975	70	137970	9.853	ng/ul	98
18) 4-Methylphenol	8.934	108	170225	9.020	ng/ul	93
19) Hexachloroethane	9.263	117	73444	9.746	ng/ul	95
22) Nitrobenzene	9.381	77	193662	9.432	ng/ul	98
23) Isophorone	9.910	82	388048	9.562	ng/ul	98
25) 2-Nitrophenol	10.104	139	82246	8.912	ng/ul	98
26) 2,4-Dimethylphenol	10.152	107	192314	9.602	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.399	93	250607	9.660	ng/ul	99
29) 2,4-Dichlorophenol	10.640	162	154795	9.498	ng/ul	99
30) Naphthalene	11.051	128	600009	9.934	ng/ul	100
32) 4-Chloroaniline	11.157	127	212435	8.933	ng/ul	100
33) Hexachlorobutadiene	11.334	225	104383	9.926	ng/ul	100
34) Caprolactam	11.916	113	38378	7.632	ng/ul	97
35) 4-Chloro-3-methylphenol	12.263	107	154658	9.231	ng/ul	99
36) 2-Methylnaphthalene	12.651	142	360131	9.642	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.869	142	375852	9.762	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	13.010	216	196633	9.799	ng/ul	99
40)	Hexachlorocyclopentadiene	12.993	237	115799	8.558	ng/ul	98
41)	2,4,6-Trichlorophenol	13.245	196	113949	9.215	ng/ul	98
42)	2,4,5-Trichlorophenol	13.316	196	120460	9.039	ng/ul	95
43)	1,1'-Biphenyl	13.645	154	510649	9.928	ng/ul	99
44)	2-Chloronaphthalene	13.693	162	396525	9.897	ng/ul	99
45)	2-Nitroaniline	13.887	65	78344m	8.488	ng/ul	
47)	Dimethylphthalate	14.257	163	476986	9.963	ng/ul	99
48)	2,6-Dinitrotoluene	14.381	165	72348	8.552	ng/ul	94
50)	Acenaphthylene	14.534	152	617551	9.975	ng/ul	100
51)	3-Nitroaniline	14.710	138	42935	5.609	ng/ul	93
52)	Acenaphthene	14.875	153	431780	10.079	ng/ul	99
53)	2,4-Dinitrophenol	14.910	184	26754	5.196	ng/ul	93
55)	4-Nitrophenol	14.998	109	44752	7.422	ng/ul	94
56)	Dibenzofuran	15.204	168	580962	10.050	ng/ul	100
57)	2,4-Dinitrotoluene	15.163	165	106062	8.951	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.434	232	102251	9.428	ng/ul	94
59)	Diethylphthalate	15.616	149	447993	9.903	ng/ul	99
61)	Fluorene	15.857	166	469028	10.286	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.845	204	225089	10.087	ng/ul	99
63)	4-Nitroaniline	15.869	138	39201m	6.255	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.928	198	56631	7.619	ng/ul	99
67)	N-Nitrosodiphenylamine	16.057	169	370856	9.816	ng/ul	100
68)	4-Bromophenyl-phenylether	16.745	248	124484	9.613	ng/ul	99
69)	Hexachlorobenzene	16.863	284	148626	9.744	ng/ul	98
70)	Atrazine	17.010	200	111654	8.782	ng/ul	99
71)	Pentachlorophenol	17.210	266	70417	7.908	ng/ul	98
72)	Phenanthrene	17.610	178	685142	9.963	ng/ul	99
74)	Anthracene	17.698	178	687462	10.041	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.616	216	201183	9.763	ng/uL	97
76)	Pentachlorobenzene	15.128	250	193403	9.865	ng/uL	100
77)	Carbazole	17.963	167	503074	8.736	ng/ul	99
78)	Di-n-butylphthalate	18.498	149	587346	9.121	ng/ul	100
80)	Fluoranthene	19.557	202	662286	10.271	ng/ul	99
82)	Pyrene	19.910	202	713338	10.441	ng/ul	98
83)	Butylbenzylphthalate	20.769	149	175490	8.556	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.557	252	99415m	7.628	ng/ul	
85)	Benzo(a)anthracene	21.633	228	495363	9.525	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.533	149	200189	7.757	ng/ul	99
87)	Chrysene	21.686	228	507349	9.689	ng/ul	99
89)	Di-n-octyl phthalate	22.521	149	272677	7.244	ng/ul	100
90)	Benzo(b)fluoranthene	23.445	252	392340	9.417	ng/ul	98
91)	Benzo(k)fluoranthene	23.498	252	434542	10.248	ng/ul	98
93)	Benzo(a)pyrene	24.127	252	345541	9.457	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.998	276	402466	9.063	ng/ul	95
95)	Dibenzo(a,h)anthracene	27.021	278	330420	9.130	ng/ul	98
96)	Benzo(g,h,i)perylene	27.851	276	347020	9.148	ng/ul	98

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

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