Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014339.D
Acq On : 28 Mar 2023 12:29
Operator : CG/JU
Sample : SSTD02043
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020626

Quant Time: Mar 29 00:59:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 00:54:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	254105	20.000	ng/ul	0.01
20) Naphthalene-d8	10.857	136	991696	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.687	164	627013	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.445	188	1392151	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1500892	20.000	ng/ul	0.01
88) Perylene-d12	24.057	264	1760997	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	31080	4.743	ng/uL	0.00
4) Pyridine-d5	3.834	84	178743	10.728	ng/ul	0.00
7) Phenol-d5	7.193	99	253189	10.804	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.358	67	162085	10.780	ng/ul	0.01
11) 2-Chlorophenol-d4	7.558	132	186306	10.999	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	194046	10.265	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	92240	11.522	ng/ul	0.01
24) 2-Nitrophenol-d4	9.934	143	100580	10.972	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	190258	11.396	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	235036	10.688	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	562323	11.061	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	627331	11.121	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	90517	11.785	ng/ul	0.00
60) Fluorene-d10	15.681	176	475532	11.216	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.804	200	106500	10.397	ng/ul	0.00
73) Anthracene-d10	17.545	188	732172	10.867	ng/ul	0.00
81) Pyrene-d10	19.775	212	932888	9.254	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.892	264	1022894	10.933	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	33576	4.663	ng/uL	97
5) Pyridine	3.852	79	189547	10.596	ng/ul	98
6) Benzaldehyde	7.169	77	155496	13.515	ng/ul	97
8) Phenol	7.216	94	265299	10.913	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.452	93	207720	10.633	ng/ul	100
12) 2-Chlorophenol	7.593	128	193620	10.983	ng/ul	98
13) 2-Methylphenol	8.481	108	190666	10.517	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	274402	10.699	ng/ul	99
16) Acetophenone	8.869	105	324291	10.389	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.846	70	174927	10.373	ng/ul	97
18) 4-Methylphenol	8.810	108	209626	10.528	ng/ul	95
19) Hexachloroethane	9.116	117	87841	11.404	ng/ul	94
22) Nitrobenzene	9.252	77	264509	11.501	ng/ul	99
23) Isophorone	9.775	82	447472	10.555	ng/ul	98
25) 2-Nitrophenol	9.969	139	109621	11.329	ng/ul	97
26) 2,4-Dimethylphenol	10.022	107	236435	10.969	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.257	93	275491	10.839	ng/ul	99
29) 2,4-Dichlorophenol	10.504	162	187719	11.425	ng/ul	90
30) Naphthalene	10.904	128	618043	11.189	ng/ul	98
32) 4-Chloroaniline	11.028	127	242539	10.889	ng/ul	99
33) Hexachlorobutadiene	11.181	225	147987	11.369	ng/ul	95
34) Caprolactam	11.816	113	18339	3.865	ng/ul	96
35) 4-Chloro-3-methylphenol	12.146	107	221838	10.977	ng/ul	98
36) 2-Methylnaphthalene	12.510	142	405516	10.832	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.728	142	404499	10.895	ng/ul	94
39)	1,2,4,5-Tetrachloroben...	12.875	216	252463	11.293	ng/ul	98
40)	Hexachlorocyclopentadiene	12.845	237	138815	9.589	ng/ul	99
41)	2,4,6-Trichlorophenol	13.122	196	153411	11.102	ng/ul	99
42)	2,4,5-Trichlorophenol	13.198	196	166679	11.318	ng/ul	98
43)	1,1'-Biphenyl	13.516	154	557650	11.008	ng/ul	99
44)	2-Chloronaphthalene	13.557	162	447101	11.163	ng/ul	100
45)	2-Nitroaniline	13.775	65	138342	11.214	ng/ul	98
47)	Dimethylphthalate	14.134	163	561949	11.055	ng/ul	99
48)	2,6-Dinitrotoluene	14.263	165	109427	11.019	ng/ul	96
50)	Acenaphthylene	14.404	152	675498	11.244	ng/ul	100
51)	3-Nitroaniline	14.598	138	105905	11.903	ng/ul	99
52)	Acenaphthene	14.745	153	469805	11.066	ng/ul	99
53)	2,4-Dinitrophenol	14.810	184	66455	10.333	ng/ul	99
55)	4-Nitrophenol	14.910	109	90378	11.923	ng/ul	95
56)	Dibenzofuran	15.081	168	660529	11.068	ng/ul	99
57)	2,4-Dinitrotoluene	15.051	165	163316	11.593	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.310	232	147325	11.130	ng/ul	95
59)	Diethylphthalate	15.498	149	564545	11.176	ng/ul	99
61)	Fluorene	15.734	166	543262	11.231	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.722	204	283856	10.922	ng/ul	99
63)	4-Nitroaniline	15.769	138	94703	13.686	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.816	198	107459	10.825	ng/ul	99
67)	N-Nitrosodiphenylamine	15.939	169	457308	10.558	ng/ul	98
68)	4-Bromophenyl-phenylether	16.622	248	180862	10.440	ng/ul	99
69)	Hexachlorobenzene	16.739	284	210736	10.591	ng/ul	98
70)	Atrazine	16.898	200	179640	11.393	ng/ul	98
71)	Pentachlorophenol	17.092	266	122382	10.616	ng/ul	98
72)	Phenanthrene	17.486	178	877457	11.329	ng/ul	99
74)	Anthracene	17.581	178	868275	11.123	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.481	216	249812	10.194	ng/uL	97
76)	Pentachlorobenzene	14.998	250	251866	10.301	ng/uL	99
77)	Carbazole	17.851	167	787573	12.056	ng/ul	99
78)	Di-n-butylphthalate	18.380	149	972053	11.834	ng/ul	100
80)	Fluoranthene	19.445	202	1075475	9.022	ng/ul	100
82)	Pyrene	19.798	202	1138463	9.148	ng/ul	100
83)	Butylbenzylphthalate	20.657	149	457242	10.667	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.445	252	403575	12.158	ng/ul	99
85)	Benzo(a)anthracene	21.516	228	1187594	11.166	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.410	149	663642	11.321	ng/ul	99
87)	Chrysene	21.569	228	1130562	11.258	ng/ul	99
89)	Di-n-octyl phthalate	22.374	149	1159146	10.143	ng/ul	100
90)	Benzo(b)fluoranthene	23.280	252	1248525	10.498	ng/ul	98
91)	Benzo(k)fluoranthene	23.333	252	1246355	10.790	ng/ul	99
93)	Benzo(a)pyrene	23.945	252	1132321	11.061	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.709	276	1519663	10.790	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.727	278	1273193	10.797	ng/ul	99
96)	Benzo(g,h,i)perylene	27.539	276	1226644	10.685	ng/ul	99

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

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