Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101223\
Data File : BP017661.D
Acq On : 12 Oct 2023 15:37
Operator : MA/JU
Sample : SSTD16032
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 12 16:08:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:43:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	166197	20.000	ng/ul	0.01
20) Naphthalene-d8	10.757	136	686827	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.622	164	454773	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.416	188	1049345	20.000	ng/ul	0.02
79) Chrysene-d12	21.563	240	1094735	20.000	ng/ul	0.02
88) Perylene-d12	24.145	264	1227020	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	281751	69.150	ng/uL	0.00
4) Pyridine-d5	3.699	84	2078833	181.467	ng/ul	0.00
7) Phenol-d5	7.081	99	2688079	192.239	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.269	67	1510195	174.024	ng/ul	0.02
11) 2-Chlorophenol-d4	7.440	132	2123887	193.385	ng/ul	0.02
15) 4-Methylphenol-d8	8.657	113	2117845	187.448	ng/ul	0.03
21) Nitrobenzene-d5	9.134	128	1038309	196.984	ng/ul	0.02
24) 2-Nitrophenol-d4	9.851	143	1235165	211.155	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.381	165	2191914	194.339	ng/ul	0.02
31) 4-Chloroaniline-d4	10.934	131	2945705	184.137	ng/ul	0.02
46) Dimethylphthalate-d6	14.045	166	6423856	179.255	ng/ul	0.02
49) Acenaphthylene-d8	14.322	160	7159764	183.399	ng/ul	0.02
54) 4-Nitrophenol-d4	14.887	143	1299286	229.956	ng/ul	0.04
60) Fluorene-d10	15.634	176	5429283	173.603	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.786	200	1341623	208.162	ng/ul	0.03
73) Anthracene-d10	17.522	188	8739474	174.918	ng/ul	0.02
81) Pyrene-d10	19.780	212	10542151	171.109	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.986	264	11669810	185.008	ng/ul	0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	300403	69.502	ng/uL	96
5) Pyridine	3.722	79	2117637	179.458	ng/ul	96
6) Benzaldehyde	7.075	77	802521	114.532	ng/ul	99
8) Phenol	7.116	94	2630264	185.463	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.363	93	1987131	174.913	ng/ul	98
12) 2-Chlorophenol	7.475	128	2103665	187.606	ng/ul	99
13) 2-Methylphenol	8.375	108	1964626	186.141	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.434	45	1408034	94.676	ng/ul	99
16) Acetophenone	8.787	105	3137326	176.360	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	1660535	184.504	ng/ul	99
18) 4-Methylphenol	8.728	108	2103941	182.671	ng/ul	99
19) Hexachloroethane	8.981	117	873292	177.764	ng/ul	98
22) Nitrobenzene	9.181	77	2508639	181.637	ng/ul	98
23) Isophorone	9.704	82	4681491	191.146	ng/ul	99
25) 2-Nitrophenol	9.881	139	1238128	197.058	ng/ul	100
26) 2,4-Dimethylphenol	9.928	107	2366424	185.579	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.187	93	2653407	176.002	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	2076648	187.971	ng/ul	97
30) Naphthalene	10.810	128	6463498	171.701	ng/ul	100
32) 4-Chloroaniline	10.963	127	2796087	180.832	ng/ul	98
33) Hexachlorobutadiene	11.034	225	1456270	173.960	ng/ul	99
34) Caprolactam	11.834	113	374690	113.230	ng/ul	93
35) 4-Chloro-3-methylphenol	12.081	107	2216256	190.445	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.428	142	4559076	176.067	ng/ul	97
37)	1-Methylnaphthalene	12.651	142	4597617	173.680	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.781	216	2677577	173.849	ng/ul	97
40)	Hexachlorocyclopentadiene	12.722	237	1473303	192.232	ng/ul	99
41)	2,4,6-Trichlorophenol	13.045	196	1808063	189.866	ng/ul	98
42)	2,4,5-Trichlorophenol	13.122	196	1950651	193.959	ng/ul	96
43)	1,1'-Biphenyl	13.451	154	5959218	169.638	ng/ul	100
44)	2-Chloronaphthalene	13.498	162	4794482	170.061	ng/ul	99
45)	2-Nitroaniline	13.751	65	1532911	204.351	ng/ul	98
47)	Dimethylphthalate	14.092	163	6253092	173.636	ng/ul	99
48)	2,6-Dinitrotoluene	14.251	165	1379989	207.478	ng/ul	97
50)	Acenaphthylene	14.351	152	7806453	174.595	ng/ul	99
51)	3-Nitroaniline	14.587	138	1085545	172.872	ng/ul	95
52)	Acenaphthene	14.692	153	5145093	170.622	ng/ul	100
53)	2,4-Dinitrophenol	14.798	184	970364	221.173	ng/ul	92
55)	4-Nitrophenol	14.904	109	1215652	237.797	ng/ul	95
56)	Dibenzofuran	15.034	168	7090788	164.036	ng/ul	98
57)	2,4-Dinitrotoluene	15.039	165	1988133	198.317	ng/ul	86
58)	2,3,4,6-Tetrachlorophenol	15.251	232	1760051	191.894	ng/ul	98
59)	Diethylphthalate	15.463	149	6392476	177.419	ng/ul	99
61)	Fluorene	15.692	166	5949873	166.992	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.681	204	3147430	166.272	ng/ul	97
63)	4-Nitroaniline	15.786	138	1017878	170.106	ng/ul#	85
66)	4,6-Dinitro-2-methylph...	15.804	198	1375260	202.219	ng/ul#	92
67)	N-Nitrosodiphenylamine	15.916	169	5103355	174.046	ng/ul	99
68)	4-Bromophenyl-phenylether	16.586	248	2130003	181.081	ng/ul	98
69)	Hexachlorobenzene	16.669	284	2494134	177.896	ng/ul	99
70)	Atrazine	16.886	200	1995014	175.058	ng/ul	98
71)	Pentachlorophenol	17.045	266	1652819	199.068	ng/ul	99
72)	Phenanthrene	17.463	178	9730325	168.419	ng/ul	99
74)	Anthracene	17.563	178	9801095	167.533	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.398	216	2704027	174.365	ng/uL	99
76)	Pentachlorobenzene	14.922	250	2735251	172.818	ng/uL	99
77)	Carbazole	17.851	167	8940920	172.628	ng/ul	98
78)	Di-n-butylphthalate	18.357	149	10830596	178.746	ng/ul	96
80)	Fluoranthene	19.445	202	11638785	163.133	ng/ul#	96
82)	Pyrene	19.810	202	11703168	155.624	ng/ul	96
83)	Butylbenzylphthalate	20.674	149	5486450	201.971	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.492	252	4344878	182.719	ng/ul	99
85)	Benzo(a)anthracene	21.545	228	12784097	163.377	ng/ul	94
86)	Bis(2-ethylhexyl)phtha...	21.421	149	7910228	204.374	ng/ul#	97
87)	Chrysene	21.610	228	11691940	160.303	ng/ul	94
89)	Di-n-octyl phthalate	22.410	149	12798900	174.420	ng/ul	100
90)	Benzo(b)fluoranthene	23.351	252	13743240	175.598	ng/ul	98
91)	Benzo(k)fluoranthene	23.410	252	13563766	172.554	ng/ul	98
93)	Benzo(a)pyrene	24.051	252	12929628	177.646	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.915	276	16529293	188.918	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.956	278	13740772	190.341	ng/ul	99
96)	Benzo(g,h,i)perylene	27.786	276	13017686	183.033	ng/ul	99

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

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