Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101223\
Data File : BP017656.D
Acq On : 12 Oct 2023 11:48
Operator : MA/JU
Sample : SSTD00528
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 12 15:45:28 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	146604	20.000	ng/ul	0.01
20) Naphthalene-d8	10.751	136	581554	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.616	164	382947	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.404	188	887228	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	979355	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1109797	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	7682	2.137	ng/uL	0.00
4) Pyridine-d5	3.717	84	49553	4.904	ng/ul	0.02
7) Phenol-d5	7.075	99	56583	4.587	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.258	67	37707	4.926	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	46844	4.835	ng/ul	0.02
15) 4-Methylphenol-d8	8.640	113	43995	4.414	ng/ul	0.01
21) Nitrobenzene-d5	9.128	128	21453	4.807	ng/ul	0.01
24) 2-Nitrophenol-d4	9.846	143	22418	4.526	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.375	165	44115	4.619	ng/ul	0.02
31) 4-Chloroaniline-d4	10.928	131	58546	4.322	ng/ul	0.02
46) Dimethylphthalate-d6	14.028	166	151750	5.029	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	151406	4.606	ng/ul	0.01
54) 4-Nitrophenol-d4	14.881	143	12460	2.619	ng/ul	0.03
60) Fluorene-d10	15.622	176	129151	4.904	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.769	200	18378	3.373	ng/ul	0.01
73) Anthracene-d10	17.510	188	209930	4.969	ng/ul	0.01
81) Pyrene-d10	19.769	212	274905	4.988	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.957	264	282229	4.947	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	8502	2.230	ng/uL#	88
5) Pyridine	3.734	79	50243	4.827	ng/ul	97
6) Benzaldehyde	7.081	77	37143	6.009	ng/ul	99
8) Phenol	7.105	94	57550	4.600	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.357	93	48749	4.865	ng/ul	96
12) 2-Chlorophenol	7.469	128	46775	4.729	ng/ul	95
13) 2-Methylphenol	8.375	108	40502	4.350	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.428	45	41992	3.201	ng/ul#	92
16) Acetophenone	8.775	105	71918	4.583	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.740	70	38228	4.815	ng/ul	98
18) 4-Methylphenol	8.710	108	43719	4.303	ng/ul	97
19) Hexachloroethane	8.981	117	22034	5.085	ng/ul	99
22) Nitrobenzene	9.169	77	55131	4.714	ng/ul	96
23) Isophorone	9.681	82	97269	4.690	ng/ul	99
25) 2-Nitrophenol	9.875	139	24538	4.612	ng/ul	97
26) 2,4-Dimethylphenol	9.916	107	50524	4.679	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.175	93	64447	5.049	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	43243	4.623	ng/ul	94
30) Naphthalene	10.804	128	160047	5.021	ng/ul	98
32) 4-Chloroaniline	10.951	127	56906	4.346	ng/ul	98
33) Hexachlorobutadiene	11.028	225	37936	5.352	ng/ul	97
34) Caprolactam	11.781	113	10415	3.717	ng/ul	87
35) 4-Chloro-3-methylphenol	12.069	107	43123	4.376	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.422	142	107193	4.889	ng/ul	100
37)	1-Methylnaphthalene	12.640	142	108080	4.822	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.775	216	64476	4.971	ng/ul	96
40)	Hexachlorocyclopentadiene	12.716	237	18285	2.833	ng/ul	95
41)	2,4,6-Trichlorophenol	13.040	196	35961	4.485	ng/ul	98
42)	2,4,5-Trichlorophenol	13.116	196	38009	4.488	ng/ul	98
43)	1,1'-Biphenyl	13.440	154	146375	4.948	ng/ul	99
44)	2-Chloronaphthalene	13.487	162	114079	4.805	ng/ul	99
45)	2-Nitroaniline	13.740	65	26857	4.252	ng/ul	98
47)	Dimethylphthalate	14.081	163	150741	4.971	ng/ul	99
48)	2,6-Dinitrotoluene	14.228	165	22528	4.022	ng/ul	93
50)	Acenaphthylene	14.339	152	176559	4.689	ng/ul	99
51)	3-Nitroaniline	14.581	138	21930	4.147	ng/ul#	89
52)	Acenaphthene	14.681	153	123968	4.882	ng/ul	97
53)	2,4-Dinitrophenol	14.798	184	7895	2.137	ng/ul#	77
56)	Dibenzofuran	15.022	168	183275	5.035	ng/ul	97
57)	2,4-Dinitrotoluene	15.022	165	36641	4.340	ng/ul	86
58)	2,3,4,6-Tetrachlorophenol	15.245	232	35544	4.602	ng/ul	98
59)	Diethylphthalate	15.439	149	150789	4.970	ng/ul	99
61)	Fluorene	15.675	166	145577	4.852	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.669	204	78090	4.899	ng/ul	92
63)	4-Nitroaniline	15.757	138	23516	4.667	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.781	198	21497	3.739	ng/ul#	90
67)	N-Nitrosodiphenylamine	15.898	169	119311	4.813	ng/ul	98
68)	4-Bromophenyl-phenylether	16.581	248	48773	4.904	ng/ul	98
69)	Hexachlorobenzene	16.657	284	59357	5.007	ng/ul	93
70)	Atrazine	16.863	200	43372	4.501	ng/ul	98
71)	Pentachlorophenol	17.039	266	26834	3.822	ng/ul	94
72)	Phenanthrene	17.451	178	248779	5.093	ng/ul	100
74)	Anthracene	17.545	178	242745	4.907	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.392	216	64234	4.899	ng/uL	98
76)	Pentachlorobenzene	14.910	250	66599	4.977	ng/uL	95
77)	Carbazole	17.839	167	214122	4.890	ng/ul	98
78)	Di-n-butylphthalate	18.351	149	275729	5.382	ng/ul	98
80)	Fluoranthene	19.433	202	311057	4.874	ng/ul	98
82)	Pyrene	19.798	202	323451	4.808	ng/ul	100
83)	Butylbenzylphthalate	20.669	149	118854	4.891	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.480	252	109632	5.154	ng/ul	97
85)	Benzo(a)anthracene	21.533	228	350900	5.013	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.410	149	199606	5.765	ng/ul	99
87)	Chrysene	21.592	228	326569	5.005	ng/ul	99
89)	Di-n-octyl phthalate	22.398	149	303605	4.574	ng/ul	100
90)	Benzo(b)fluoranthene	23.321	252	345534	4.881	ng/ul	99
91)	Benzo(k)fluoranthene	23.321	252	345534	4.860	ng/ul	98
93)	Benzo(a)pyrene	24.010	252	314060	4.771	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.862	276	392580	4.961	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.886	278	326306	4.998	ng/ul	96
96)	Benzo(g,h,i)perylene	27.721	276	312441	4.857	ng/ul	98

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

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