Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022184.D
Acq On : 03 Oct 2024 07:01
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020784

Quant Time: Oct 03 07:28:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	139199	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	534538	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.310	164	425490	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.104	188	955274	20.000	ng/ul	-0.01
79) Chrysene-d12	21.539	240	975030	20.000	ng/ul	0.00
88) Perylene-d12	24.816	264	1123436	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	22145	6.232	ng/uL	0.00
4) Pyridine-d5	3.634	84	163219	16.068	ng/ul	0.00
7) Phenol-d5	6.887	99	207290	18.205	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	123367	17.595	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	166447	20.204	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	169953	18.836	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	82014	20.499	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	96454	21.263	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	200840	20.387	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	223464	19.011	ng/ul	-0.02
46) Dimethylphthalate-d6	13.710	166	626830	19.058	ng/ul	-0.01
49) Acenaphthylene-d8	13.998	160	677831	19.465	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	93186	16.563	ng/ul	0.00
60) Fluorene-d10	15.310	176	538928	18.524	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.440	200	99884	16.842	ng/ul	0.00
73) Anthracene-d10	17.216	188	862446	19.339	ng/ul	0.00
81) Pyrene-d10	19.580	212	1008109	19.957	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.586	264	1097884	18.580	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	24014	6.238	ng/uL	97
5) Pyridine	3.652	79	167075	16.189	ng/ul	98
6) Benzaldehyde	6.852	77	93032	14.443	ng/ul	94
8) Phenol	6.916	94	209467	17.628	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.128	93	169151	18.598	ng/ul	99
12) 2-Chlorophenol	7.275	128	164084	19.212	ng/ul	95
13) 2-Methylphenol	8.140	108	161214	18.706	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.216	45	152374	18.060	ng/ul	97
16) Acetophenone	8.510	105	277548	18.493	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.493	70	142020	18.253	ng/ul	95
18) 4-Methylphenol	8.463	108	172197	18.323	ng/ul	98
19) Hexachloroethane	8.758	117	74956	18.592	ng/ul	97
22) Nitrobenzene	8.881	77	217361	17.770	ng/ul	94
23) Isophorone	9.405	82	406883	19.204	ng/ul	98
25) 2-Nitrophenol	9.581	139	101970	21.009	ng/ul	98
26) 2,4-Dimethylphenol	9.646	107	208437	18.957	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.875	93	229560	18.796	ng/ul	100
29) 2,4-Dichlorophenol	10.116	162	190938	19.508	ng/ul	97
30) Naphthalene	10.510	128	547265	19.458	ng/ul	100
32) 4-Chloroaniline	10.616	127	217521	18.685	ng/ul	99
33) Hexachlorobutadiene	10.799	225	164997	18.988	ng/ul	98
34) Caprolactam	11.393	113	52717	17.756	ng/ul	90
35) 4-Chloro-3-methylphenol	11.746	107	200112	18.899	ng/ul	96
36) 2-Methylnaphthalene	12.116	142	401286	19.199	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	410448	19.471	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.487	216	290506	18.415	ng/ul#	98
40) Hexachlorocyclopentadiene	12.463	237	161673	16.293	ng/ul	95
41) 2,4,6-Trichlorophenol	12.734	196	184385	19.552	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	198804	19.467	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	571394	18.779	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	470577	19.209	ng/ul	99
45) 2-Nitroaniline	13.387	65	126998	17.928	ng/ul#	87
47) Dimethylphthalate	13.763	163	615476	18.631	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	124616	19.677	ng/ul	92
50) Acenaphthylene	14.028	152	728800	20.069	ng/ul	99
51) 3-Nitroaniline	14.216	138	96303	16.702	ng/ul	94
52) Acenaphthene	14.375	153	492128	18.651	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	57326	13.303	ng/ul	97
55) 4-Nitrophenol	14.540	109	100738	15.827	ng/ul	95
56) Dibenzofuran	14.704	168	709586	18.088	ng/ul	98
57) 2,4-Dinitrotoluene	14.675	165	184635	18.918	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.940	232	189932	19.321	ng/ul	99
59) Diethylphthalate	15.151	149	601103	18.386	ng/ul	98
61) Fluorene	15.369	166	584883	17.928	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	341771	18.196	ng/ul	98
63) 4-Nitroaniline	15.387	138	88604	15.099	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.457	198	105399	16.323	ng/ul	97
67) N-Nitrosodiphenylamine	15.581	169	501891	19.948	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	239366	20.866	ng/ul	97
69) Hexachlorobenzene	16.392	284	294982	21.177	ng/ul	95
70) Atrazine	16.563	200	194170	17.300	ng/ul	99
71) Pentachlorophenol	16.751	266	178855	19.245	ng/ul	99
72) Phenanthrene	17.151	178	959406	19.155	ng/ul	100
74) Anthracene	17.245	178	976686	19.162	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	289641	20.205	ng/uL	96
76) Pentachlorobenzene	14.628	250	321058	20.366	ng/uL	98
77) Carbazole	17.528	167	824153	18.346	ng/ul	99
78) Di-n-butylphthalate	18.116	149	1004098	19.387	ng/ul	99
80) Fluoranthene	19.233	202	1205641	20.882	ng/ul	99
82) Pyrene	19.610	202	1235966	19.888	ng/ul	98
83) Butylbenzylphthalate	20.563	149	458392	21.164	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.439	252	402575	18.033	ng/ul	100
85) Benzo(a)anthracene	21.516	228	1262732	18.792	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	644240	20.273	ng/ul	98
87) Chrysene	21.586	228	1156378	18.337	ng/ul	99
89) Di-n-octyl phthalate	22.692	149	1090551	19.650	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1327954	19.042	ng/ul	98
91) Benzo(k)fluoranthene	23.839	252	1287362	18.521	ng/ul#	99
93) Benzo(a)pyrene	24.663	252	1209837	18.827	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.539	276	1559418	18.611	ng/ul	97
95) Dibenzo(a,h)anthracene	28.609	278	1300787	19.272	ng/ul#	98
96) Benzo(g,h,i)perylene	29.686	276	1262714	19.422	ng/ul	99

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

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