Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121224\
Data File : BP023389.D
Acq On : 12 Dec 2024 09:46
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020745

Quant Time: Dec 13 00:19:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	57061	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	218523	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.145	164	173935	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	426999	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	499631	20.000	ng/ul	0.00
88) Perylene-d12	24.563	264	640737	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	12789	8.252	ng/uL	0.00
4) Pyridine-d5	3.511	84	85430	21.435	ng/ul	0.00
7) Phenol-d5	6.740	99	89012	19.881	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	63861	22.608	ng/ul	0.00
11) 2-Chlorophenol-d4	7.081	132	66090	20.001	ng/ul	0.00
15) 4-Methylphenol-d8	8.246	113	70549	19.524	ng/ul	-0.01
21) Nitrobenzene-d5	8.669	128	32897	20.160	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.387	143	38895	20.682	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	76941	19.384	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	89728	20.179	ng/ul	-0.01
46) Dimethylphthalate-d6	13.551	166	258302	19.130	ng/ul	0.00
49) Acenaphthylene-d8	13.834	160	282263	19.819	ng/ul	0.00
54) 4-Nitrophenol-d4	14.428	143	23366	14.121	ng/ul	0.02
60) Fluorene-d10	15.163	176	234614	19.754	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	48325	18.726	ng/ul	0.00
73) Anthracene-d10	17.057	188	404995	20.782	ng/ul	0.00
81) Pyrene-d10	19.445	212	507919	19.458	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.351	264	676651	19.727	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.134	88	14708	8.577	ng/uL#	92
5) Pyridine	3.528	79	84607	20.783	ng/ul	91
6) Benzaldehyde	6.710	77	63501	24.809	ng/ul	96
8) Phenol	6.763	94	94206	20.211	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.975	93	75836	20.612	ng/ul	92
12) 2-Chlorophenol	7.110	128	71121	20.531	ng/ul	94
13) 2-Methylphenol	7.981	108	68120	19.707	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.034	45	101977	22.792	ng/ul	97
16) Acetophenone	8.346	105	122507	20.143	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.322	70	68806	20.763	ng/ul	92
18) 4-Methylphenol	8.310	108	73975	19.827	ng/ul	97
19) Hexachloroethane	8.575	117	36498	21.639	ng/ul	94
22) Nitrobenzene	8.716	77	108764	21.905	ng/ul	94
23) Isophorone	9.228	82	176822	20.106	ng/ul	99
25) 2-Nitrophenol	9.416	139	39996	19.909	ng/ul	91
26) 2,4-Dimethylphenol	9.481	107	94786	21.308	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.699	93	100599	20.246	ng/ul	99
29) 2,4-Dichlorophenol	9.957	162	80258	20.402	ng/ul	99
30) Naphthalene	10.316	128	237413	20.753	ng/ul	99
32) 4-Chloroaniline	10.457	127	86047	19.957	ng/ul	99
33) Hexachlorobutadiene	10.593	225	75859	21.739	ng/ul	99
34) Caprolactam	11.246	113	19995m	17.420	ng/ul	
35) 4-Chloro-3-methylphenol	11.598	107	81130	18.993	ng/ul	94
36) 2-Methylnaphthalene	11.940	142	170177	20.060	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	174559	20.192	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.316	216	127334	20.061	ng/ul	95
40) Hexachlorocyclopentadiene	12.275	237	58498	19.182	ng/ul	94
41) 2,4,6-Trichlorophenol	12.575	196	75596	20.125	ng/ul	96
42) 2,4,5-Trichlorophenol	12.669	196	78339	19.520	ng/ul	98
43) 1,1'-Biphenyl	12.957	154	242931	19.712	ng/ul	98
44) 2-Chloronaphthalene	13.010	162	201012	20.165	ng/ul	98
45) 2-Nitroaniline	13.234	65	60316	20.884	ng/ul	94
47) Dimethylphthalate	13.598	163	251521	18.910	ng/ul	98
48) 2,6-Dinitrotoluene	13.745	165	49814	19.546	ng/ul	92
50) Acenaphthylene	13.857	152	288871	19.917	ng/ul	100
51) 3-Nitroaniline	14.092	138	41117m	19.249	ng/ul	
52) Acenaphthene	14.204	153	212463	20.042	ng/ul	99
53) 2,4-Dinitrophenol	14.328	184	26405m	16.067	ng/ul	
55) 4-Nitrophenol	14.440	109	47952m	21.511	ng/ul	
56) Dibenzofuran	14.551	168	328378	20.397	ng/ul	97
57) 2,4-Dinitrotoluene	14.551	165	78975	19.230	ng/ul#	67
58) 2,3,4,6-Tetrachlorophenol	14.810	232	77446	19.438	ng/ul	97
59) Diethylphthalate	14.987	149	266019	20.054	ng/ul	99
61) Fluorene	15.222	166	266534	20.332	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	152717	20.086	ng/ul	97
63) 4-Nitroaniline	15.281	138	39763	21.165	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.339	198	50960	18.615	ng/ul	92
67) N-Nitrosodiphenylamine	15.439	169	225022	20.636	ng/ul	100
68) 4-Bromophenyl-phenylether	16.128	248	103183	20.470	ng/ul	99
69) Hexachlorobenzene	16.245	284	121472	19.670	ng/ul	97
70) Atrazine	16.422	200	100356	21.151	ng/ul	97
71) Pentachlorophenol	16.622	266	66882	18.555	ng/ul	95
72) Phenanthrene	17.004	178	445363	20.175	ng/ul	100
74) Anthracene	17.086	178	450011	20.387	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	126564	20.563	ng/uL	99
76) Pentachlorobenzene	14.475	250	138069	20.351	ng/uL	99
77) Carbazole	17.392	167	384839	21.400	ng/ul	99
78) Di-n-butylphthalate	17.975	149	455277	20.604	ng/ul	100
80) Fluoranthene	19.110	202	572488	19.140	ng/ul	99
82) Pyrene	19.486	202	624244	19.667	ng/ul	98
83) Butylbenzylphthalate	20.433	149	207184	18.847	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.298	252	223156	19.465	ng/ul#	97
85) Benzo(a)anthracene	21.369	228	690222	20.601	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	312183	19.775	ng/ul	99
87) Chrysene	21.433	228	649612	20.233	ng/ul	100
89) Di-n-octyl phthalate	22.492	149	552489	17.655	ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	780161	19.380	ng/ul	99
91) Benzo(k)fluoranthene	23.621	252	764690	19.091	ng/ul	100
93) Benzo(a)pyrene	24.415	252	725223	19.869	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.156	276	986890	21.040	ng/ul	98
95) Dibenzo(a,h)anthracene	28.192	278	792412m	21.110	ng/ul	
96) Benzo(g,h,i)perylene	29.250	276	776707m	21.627	ng/ul	

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

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