Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023097.D
Acq On : 14 Nov 2024 02:18
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020717

Quant Time: Nov 14 03:19:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	81051	20.000	ng/ul	0.00
20) Naphthalene-d8	10.328	136	307111	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.192	164	252074	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.998	188	625767	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.439	240	742076	20.000	ng/ul	0.00
88) Perylene-d12	24.657	264	849415	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	15512	9.199	ng/uL	0.00
4) Pyridine-d5	3.546	84	100162	19.993	ng/ul	0.00
7) Phenol-d5	6.781	99	121678	20.306	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	72735	20.660	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	91281	20.799	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	99444	20.166	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	46806	21.892	ng/ul	0.00
24) 2-Nitrophenol-d4	9.434	143	54232	21.277	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	114883	21.522	ng/ul	0.00
31) 4-Chloroaniline-d4	10.481	131	132746	20.845	ng/ul	0.00
46) Dimethylphthalate-d6	13.616	166	381057	20.974	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	406540	21.446	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.451	143	49366	18.081	ng/ul	0.00
60) Fluorene-d10	15.204	176	338921	21.278	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	74626	19.907	ng/ul	0.00
73) Anthracene-d10	17.104	188	573498	21.645	ng/ul	-0.01
81) Pyrene-d10	19.492	212	751430	21.984	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.421	264	886260	21.904	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	15809	8.114	ng/uL	92
5) Pyridine	3.569	79	104701	20.810	ng/ul	93
6) Benzaldehyde	6.752	77	85718	24.858	ng/ul	94
8) Phenol	6.810	94	126577	20.228	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.022	93	96132	20.444	ng/ul	93
12) 2-Chlorophenol	7.157	128	94398	20.718	ng/ul	96
13) 2-Methylphenol	8.028	108	95966	20.545	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.087	45	114519	21.514	ng/ul	95
16) Acetophenone	8.393	105	166995	20.153	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.375	70	83818	20.258	ng/ul	98
18) 4-Methylphenol	8.352	108	104217	20.200	ng/ul	96
19) Hexachloroethane	8.628	117	44071	19.999	ng/ul	91
22) Nitrobenzene	8.763	77	131685	21.465	ng/ul	97
23) Isophorone	9.281	82	238201	21.715	ng/ul	99
25) 2-Nitrophenol	9.463	139	58227	21.643	ng/ul	92
26) 2,4-Dimethylphenol	9.528	107	124448	21.421	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.757	93	133281	22.082	ng/ul	97
29) 2,4-Dichlorophenol	9.998	162	114749	21.703	ng/ul	97
30) Naphthalene	10.381	128	319324	21.402	ng/ul	99
32) 4-Chloroaniline	10.504	127	127537	20.672	ng/ul	94
33) Hexachlorobutadiene	10.651	225	98017	20.488	ng/ul	98
34) Caprolactam	11.293	113	32366	20.581	ng/ul	94
35) 4-Chloro-3-methylphenol	11.645	107	123723	21.752	ng/ul	95
36) 2-Methylnaphthalene	11.987	142	235030	20.866	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.216	142	245368	21.309	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.363	216	179602	21.105	ng/ul	96
40) Hexachlorocyclopentadiene	12.334	237	77516	17.342	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.622	196	115732	22.334	ng/ul	95
42) 2,4,5-Trichlorophenol	12.704	196	122723	21.968	ng/ul	96
43) 1,1'-Biphenyl	13.016	154	345286	21.377	ng/ul	100
44) 2-Chloronaphthalene	13.057	162	284004	21.509	ng/ul	98
45) 2-Nitroaniline	13.292	65	80638	21.750	ng/ul	87
47) Dimethylphthalate	13.663	163	373490	20.845	ng/ul	98
48) 2,6-Dinitrotoluene	13.781	165	72739	20.871	ng/ul	98
50) Acenaphthylene	13.916	152	416343	21.728	ng/ul	99
51) 3-Nitroaniline	14.122	138	67302	22.420	ng/ul	99
52) Acenaphthene	14.263	153	297490	21.384	ng/ul	98
53) 2,4-Dinitrophenol	14.363	184	41611	16.827	ng/ul	91
55) 4-Nitrophenol	14.469	109	55082	17.244	ng/ul	93
56) Dibenzofuran	14.604	168	450132	20.942	ng/ul	100
57) 2,4-Dinitrotoluene	14.604	165	118195	21.278	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	14.839	232	115834	21.212	ng/ul	97
59) Diethylphthalate	15.045	149	366707	20.694	ng/ul	99
61) Fluorene	15.257	166	369481	21.002	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.257	204	215078	20.763	ng/ul	99
63) 4-Nitroaniline	15.310	138	65121	23.314	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.381	198	77530	19.361	ng/ul	98
67) N-Nitrosodiphenylamine	15.486	169	319487	22.095	ng/ul	99
68) 4-Bromophenyl-phenylether	16.180	248	152623	21.538	ng/ul	96
69) Hexachlorobenzene	16.292	284	185239	20.765	ng/ul	98
70) Atrazine	16.469	200	147663	21.126	ng/ul	98
71) Pentachlorophenol	16.657	266	111783	20.183	ng/ul	99
72) Phenanthrene	17.039	178	640093	21.665	ng/ul	99
74) Anthracene	17.145	178	647824	21.808	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.987	216	181101	21.920	ng/uL	98
76) Pentachlorobenzene	14.522	250	203385	21.559	ng/uL	99
77) Carbazole	17.427	167	575391	22.202	ng/ul	99
78) Di-n-butylphthalate	18.004	149	612075	21.282	ng/ul	100
80) Fluoranthene	19.139	202	845385	21.468	ng/ul	97
82) Pyrene	19.522	202	888616	21.006	ng/ul#	97
83) Butylbenzylphthalate	20.469	149	305884	21.962	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	357001	21.432	ng/ul	98
85) Benzo(a)anthracene	21.421	228	981757	21.666	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	425082	21.477	ng/ul	97
87) Chrysene	21.480	228	898054	21.063	ng/ul	100
89) Di-n-octyl phthalate	22.568	149	733132	21.274	ng/ul	100
90) Benzo(b)fluoranthene	23.627	252	1046901	22.143	ng/ul	99
91) Benzo(k)fluoranthene	23.698	252	1007835	21.654	ng/ul	99
93) Benzo(a)pyrene	24.498	252	920312	21.534	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.280	276	1231341	20.679	ng/ul	98
95) Dibenzo(a,h)anthracene	28.333	278	995414	20.589	ng/ul	100
96) Benzo(g,h,i)perylene	29.415	276	941731	20.822	ng/ul	97

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

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