Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011624\
Data File : BP019390.D
Acq On : 16 Jan 2024 16:53
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020752

Quant Time: Jan 16 17:27:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 03:05:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	121272	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.563	136	503196	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.422	164	379286	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	955756	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	993364	20.000	ng/ul	0.00
88) Perylene-d12	23.651	264	1032162	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	26860	8.375	ng/uL	-0.01
4) Pyridine-d5	3.628	84	197747	21.323	ng/ul	-0.01
7) Phenol-d5	6.957	99	215641	18.604	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.105	67	135332	19.520	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.299	132	154883	19.452	ng/ul	-0.02
15) 4-Methylphenol-d8	8.499	113	173748	18.895	ng/ul	-0.02
21) Nitrobenzene-d5	8.934	128	79550	18.791	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.657	143	94703	19.253	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.198	165	192225	19.343	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.716	131	231181	18.417	ng/ul	-0.01
46) Dimethylphthalate-d6	13.839	166	623844	18.617	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	663524	18.472	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.663	143	92070	17.893	ng/ul	0.00
60) Fluorene-d10	15.416	176	541413	19.735	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	122356	17.340	ng/ul	0.00
73) Anthracene-d10	17.280	188	899695	18.874	ng/ul	0.00
81) Pyrene-d10	19.527	212	1135018	17.523	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.498	264	1058431	18.859	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	28357	8.536	ng/uL	94
5) Pyridine	3.646	79	202820	21.529	ng/ul	89
6) Benzaldehyde	6.916	77	126202	24.975	ng/ul	98
8) Phenol	6.981	94	217103	18.592	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.199	93	176330	18.826	ng/ul	97
12) 2-Chlorophenol	7.334	128	157812	19.176	ng/ul	98
13) 2-Methylphenol	8.228	108	164618	18.795	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.293	45	220277	19.764	ng/ul	98
16) Acetophenone	8.599	105	287399	19.621	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.581	70	154263	20.213	ng/ul	95
18) 4-Methylphenol	8.557	108	179792	19.282	ng/ul	97
19) Hexachloroethane	8.834	117	70485	18.962	ng/ul	95
22) Nitrobenzene	8.975	77	237625	20.065	ng/ul	99
23) Isophorone	9.504	82	439911	19.161	ng/ul	100
25) 2-Nitrophenol	9.687	139	99021	19.165	ng/ul	89
26) 2,4-Dimethylphenol	9.757	107	214722	19.274	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.987	93	247039	18.708	ng/ul	98
29) 2,4-Dichlorophenol	10.222	162	187543	19.583	ng/ul	96
30) Naphthalene	10.610	128	536114	18.908	ng/ul	99
32) 4-Chloroaniline	10.740	127	227638	18.536	ng/ul	100
33) Hexachlorobutadiene	10.893	225	156924	18.992	ng/ul	99
34) Caprolactam	11.540	113	56816	18.918	ng/ul	94
35) 4-Chloro-3-methylphenol	11.881	107	213411	20.072	ng/ul	99
36) 2-Methylnaphthalene	12.234	142	398901	19.335	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	391947	19.418	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.604	216	298265	18.147	ng/ul	97
40) Hexachlorocyclopentadiene	12.569	237	167331	15.862	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	189044	18.690	ng/ul	99
42) 2,4,5-Trichlorophenol	12.934	196	203073	18.735	ng/ul	96
43) 1,1'-Biphenyl	13.251	154	571254	18.232	ng/ul	99
44) 2-Chloronaphthalene	13.292	162	467907	18.466	ng/ul	99
45) 2-Nitroaniline	13.516	65	149305	20.543	ng/ul	97
47) Dimethylphthalate	13.887	163	625597	18.785	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	128765	19.553	ng/ul	94
50) Acenaphthylene	14.139	152	733275	18.638	ng/ul	99
51) 3-Nitroaniline	14.351	138	112172	19.528	ng/ul	97
52) Acenaphthene	14.486	153	491193	19.055	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	66736	15.455	ng/ul	91
55) 4-Nitrophenol	14.681	109	105102	18.915	ng/ul	94
56) Dibenzofuran	14.822	168	720519	19.523	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	194353	21.034	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.057	232	197161	20.489	ng/ul	98
59) Diethylphthalate	15.257	149	613107	19.673	ng/ul	99
61) Fluorene	15.475	166	600976	19.881	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	356985	19.789	ng/ul	99
63) 4-Nitroaniline	15.516	138	94296	21.175	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.575	198	127699	17.075	ng/ul	99
67) N-Nitrosodiphenylamine	15.692	169	511598	18.158	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	239223	18.324	ng/ul	98
69) Hexachlorobenzene	16.480	284	279654	18.588	ng/ul	98
70) Atrazine	16.657	200	227558	18.529	ng/ul	99
71) Pentachlorophenol	16.833	266	171372	18.339	ng/ul	98
72) Phenanthrene	17.222	178	1010009	18.813	ng/ul	99
74) Anthracene	17.316	178	1025177	18.837	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	293456	16.583	ng/uL	99
76) Pentachlorobenzene	14.739	250	306021	17.802	ng/uL	99
77) Carbazole	17.598	167	865938	18.702	ng/ul	100
78) Di-n-butylphthalate	18.151	149	1045459	18.867	ng/ul	100
80) Fluoranthene	19.204	202	1309948	17.109	ng/ul	99
82) Pyrene	19.557	202	1347347	17.338	ng/ul	99
83) Butylbenzylphthalate	20.439	149	480499	18.022	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	416607	18.471	ng/ul	99
85) Benzo(a)anthracene	21.274	228	1428078	18.468	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	690674	18.047	ng/ul	99
87) Chrysene	21.327	228	1290131	18.251	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	1170415	16.614	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	1320727	17.905	ng/ul	98
91) Benzo(k)fluoranthene	22.974	252	1334536	18.650	ng/ul	99
93) Benzo(a)pyrene	23.545	252	1221760	18.433	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.098	276	1370094	17.479	ng/ul	98
95) Dibenzo(a,h)anthracene	26.109	278	1134325	17.481	ng/ul	99
96) Benzo(g,h,i)perylene	26.845	276	1078428	17.131	ng/ul	99

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

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