Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102624\
Data File : BM048242.D
Acq On : 26 Oct 2024 11:14
Operator : RC/JU
Sample : SSTD01049
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010035

Quant Time: Oct 27 23:17:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:07:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	220205	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	919179	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	603377	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	1223761	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	1105074	20.000	ng/ul	0.00
88) Perylene-d12	24.280	264	1121614	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	23993	4.137	ng/uL	0.00
4) Pyridine-d5	3.593	84	170343	10.917	ng/ul	0.00
7) Phenol-d5	6.898	99	188714	10.580	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.057	67	121425	11.460	ng/ul	0.00
11) 2-Chlorophenol-d4	7.257	132	160183	10.383	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	153720	11.073	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	77090	9.939	ng/ul	0.00
24) 2-Nitrophenol-d4	9.598	143	81476	9.492	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	154780	10.239	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	218272	11.032	ng/ul	0.00
46) Dimethylphthalate-d6	13.774	166	481630	10.990	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	534646	10.261	ng/ul	0.00
54) 4-Nitrophenol-d4	14.586	143	71992	8.888	ng/ul	0.00
60) Fluorene-d10	15.357	176	411183	10.990	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	77025	9.731	ng/ul	0.00
73) Anthracene-d10	17.204	188	623473	10.742	ng/ul	0.00
81) Pyrene-d10	19.498	212	712707	10.554	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	626921	10.465	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	26303	4.331	ng/uL	96
5) Pyridine	3.610	79	175566	11.012	ng/ul	97
6) Benzaldehyde	6.863	77	111025	13.450	ng/ul	96
8) Phenol	6.928	94	196797	10.726	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.145	93	162803	11.056	ng/ul	98
12) 2-Chlorophenol	7.293	128	165038	10.617	ng/ul	97
13) 2-Methylphenol	8.175	108	148416	10.693	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.240	45	260913	12.552	ng/ul	98
16) Acetophenone	8.545	105	257255	12.084	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.528	70	133222	13.216	ng/ul	99
18) 4-Methylphenol	8.504	108	167675	11.229	ng/ul	95
19) Hexachloroethane	8.798	117	70933	10.734	ng/ul	98
22) Nitrobenzene	8.922	77	185923	11.077	ng/ul	97
23) Isophorone	9.445	82	356044	11.092	ng/ul	99
25) 2-Nitrophenol	9.634	139	90750	9.915	ng/ul	98
26) 2,4-Dimethylphenol	9.698	107	174354	10.935	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.928	93	225229	11.200	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	161699	10.678	ng/ul	99
30) Naphthalene	10.563	128	549453	10.814	ng/ul	100
32) 4-Chloroaniline	10.675	127	214020	11.217	ng/ul	100
33) Hexachlorobutadiene	10.845	225	109039	10.894	ng/ul	99
34) Caprolactam	11.457	113	46205	9.865	ng/ul	96
35) 4-Chloro-3-methylphenol	11.816	107	160983	11.059	ng/ul	97
36) 2-Methylnaphthalene	12.180	142	374462	11.324	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	379786	11.403	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.551	216	202675	10.310	ng/ul	98
40) Hexachlorocyclopentadiene	12.527	237	115109	10.463	ng/ul	97
41) 2,4,6-Trichlorophenol	12.798	196	126729	9.802	ng/ul	97
42) 2,4,5-Trichlorophenol	12.875	196	133006	9.769	ng/ul	99
43) 1,1'-Biphenyl	13.198	154	497766	10.682	ng/ul	99
44) 2-Chloronaphthalene	13.239	162	382367	10.348	ng/ul	98
45) 2-Nitroaniline	13.451	65	100383	10.452	ng/ul	96
47) Dimethylphthalate	13.822	163	485704	11.022	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	87564	10.005	ng/ul	99
50) Acenaphthylene	14.086	152	596703	10.586	ng/ul	99
51) 3-Nitroaniline	14.280	138	84610	9.268	ng/ul	96
52) Acenaphthene	14.427	153	427297	10.956	ng/ul	100
53) 2,4-Dinitrophenol	14.492	184	47725	8.265	ng/ul	96
55) 4-Nitrophenol	14.598	109	55291	9.811	ng/ul	96
56) Dibenzofuran	14.763	168	591241	11.081	ng/ul	100
57) 2,4-Dinitrotoluene	14.739	165	133078	10.704	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.998	232	116412	10.600	ng/ul#	97
59) Diethylphthalate	15.192	149	485780	11.116	ng/ul	98
61) Fluorene	15.416	166	480117	11.513	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.410	204	241123	11.626	ng/ul	98
63) 4-Nitroaniline	15.439	138	82259	10.404	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.504	198	84275	9.898	ng/ul#	98
67) N-Nitrosodiphenylamine	15.621	169	400835	10.892	ng/ul	100
68) 4-Bromophenyl-phenylether	16.304	248	143127	10.780	ng/ul	99
69) Hexachlorobenzene	16.415	284	174340	11.111	ng/ul	98
70) Atrazine	16.574	200	143333	11.605	ng/ul	97
71) Pentachlorophenol	16.768	266	98933	9.779	ng/ul	96
72) Phenanthrene	17.151	178	740783	11.066	ng/ul	100
74) Anthracene	17.239	178	749594	11.159	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	206215	10.024	ng/uL	100
76) Pentachlorobenzene	14.686	250	215068	10.736	ng/uL	98
77) Carbazole	17.515	167	654535	11.000	ng/ul	100
78) Di-n-butylphthalate	18.074	149	820754	10.473	ng/ul	100
80) Fluoranthene	19.162	202	838488	10.672	ng/ul	99
82) Pyrene	19.527	202	906231	10.828	ng/ul	99
83) Butylbenzylphthalate	20.427	149	343249	9.440	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	253856	10.300	ng/ul	98
85) Benzo(a)anthracene	21.315	228	852771	10.613	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	500453	9.522	ng/ul	97
87) Chrysene	21.374	228	797908	10.538	ng/ul	99
89) Di-n-octyl phthalate	22.344	149	764074	9.441	ng/ul	100
90) Benzo(b)fluoranthene	23.350	252	773492	10.948	ng/ul	99
91) Benzo(k)fluoranthene	23.409	252	769137	10.931	ng/ul	100
93) Benzo(a)pyrene	24.144	252	689095	10.478	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.597	276	781183	9.162	ng/ul	99
95) Dibenzo(a,h)anthracene	27.656	278	641619	9.314	ng/ul	100
96) Benzo(g,h,i)perylene	28.638	276	599125	9.029	ng/ul	99

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

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