Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123124\
Data File : BP023596.D
Acq On : 31 Dec 2024 12:51
Operator : RC/JU
Sample : SSTD04064
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD040645

Quant Time: Dec 31 14:10:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP123124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 31 14:01:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	594035	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	2531579	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	1562354	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	3079432	20.000	ng/ul	0.00
79) Chrysene-d12	21.716	240	3222381	20.000	ng/ul	0.00
88) Perylene-d12	25.139	264	3345053	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	238488	14.702	ng/uL	0.00
4) Pyridine-d5	3.717	84	1821496	42.665	ng/ul	0.00
7) Phenol-d5	6.969	99	2162899	45.467	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	1237861	41.831	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	1666503	46.954	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	1686366	44.239	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	817269	43.031	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	720589	35.202	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	1578108	35.686	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	2475845	46.348	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	4654335	38.549	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	5608143	42.900	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	886206	54.818	ng/ul	0.01
60) Fluorene-d10	15.439	176	4062439	38.573	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	503950	29.804	ng/ul	0.01
73) Anthracene-d10	17.351	188	6130734	42.701	ng/ul	0.01
81) Pyrene-d10	19.722	212	6948358	41.102	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.915	264	7361078	41.300	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	250149	14.256	ng/uL	97
5) Pyridine	3.734	79	1824658	42.580	ng/ul	99
6) Benzaldehyde	6.952	77	1225461	45.319	ng/ul	99
8) Phenol	6.993	94	2253640	45.409	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.234	93	1750339	44.539	ng/ul	98
12) 2-Chlorophenol	7.375	128	1729100	46.227	ng/ul	100
13) 2-Methylphenol	8.234	108	1658711	45.146	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	1887706	40.583	ng/ul	99
16) Acetophenone	8.616	105	2757373	43.035	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.610	70	1376128	40.158	ng/ul	99
18) 4-Methylphenol	8.557	108	1825725	45.974	ng/ul	98
19) Hexachloroethane	8.887	117	682571	38.911	ng/ul	99
22) Nitrobenzene	8.993	77	1900430	34.451	ng/ul	97
23) Isophorone	9.516	82	3832680	37.883	ng/ul	98
25) 2-Nitrophenol	9.699	139	865790	38.445	ng/ul	98
26) 2,4-Dimethylphenol	9.752	107	1847824	36.797	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	2308045	39.976	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	1592706	36.193	ng/ul	98
30) Naphthalene	10.634	128	5577732	41.403	ng/ul	99
32) 4-Chloroaniline	10.734	127	2356925	45.468	ng/ul	99
33) Hexachlorobutadiene	10.928	225	948957	25.403	ng/ul	99
34) Caprolactam	11.481	113	622201m	45.660	ng/ul	
35) 4-Chloro-3-methylphenol	11.851	107	1732876	36.345	ng/ul	98
36) 2-Methylnaphthalene	12.240	142	3840136	39.077	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	3877006	38.983	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	1922595	34.745	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	967726	36.049	ng/ul	100
41) 2,4,6-Trichlorophenol	12.845	196	1184312	36.444	ng/ul	100
42) 2,4,5-Trichlorophenol	12.916	196	1304305	37.281	ng/ul	100
43) 1,1'-Biphenyl	13.257	154	4880539	43.007	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	3764364	41.551	ng/ul	100
45) 2-Nitroaniline	13.487	65	998162	39.528	ng/ul	95
47) Dimethylphthalate	13.881	163	4579098	38.304	ng/ul	100
48) 2,6-Dinitrotoluene	13.992	165	882145	39.474	ng/ul	99
50) Acenaphthylene	14.151	152	5953304	44.347	ng/ul	99
51) 3-Nitroaniline	14.322	138	985427	49.664	ng/ul	97
52) Acenaphthene	14.498	153	4119849	42.474	ng/ul	100
53) 2,4-Dinitrophenol	14.528	184	280826	21.056	ng/ul	97
55) 4-Nitrophenol	14.628	109	665064	35.174	ng/ul	99
56) Dibenzofuran	14.834	168	5592581	38.807	ng/ul	100
57) 2,4-Dinitrotoluene	14.787	165	1317772	37.289	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.069	232	1035621	30.908	ng/ul	95
59) Diethylphthalate	15.281	149	4690227	39.380	ng/ul	99
61) Fluorene	15.498	166	4780591	40.429	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	2282760	34.230	ng/ul	96
63) 4-Nitroaniline	15.504	138	1029488	56.701	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.569	198	608443	33.416	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	3901080	47.361	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	1324588	37.143	ng/ul	98
69) Hexachlorobenzene	16.528	284	1640887	37.360	ng/ul	96
70) Atrazine	16.704	200	1493228	43.545	ng/ul	99
71) Pentachlorophenol	16.881	266	941290	37.628	ng/ul	99
72) Phenanthrene	17.286	178	7114056	43.474	ng/ul	99
74) Anthracene	17.386	178	7215466	44.292	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	1870206	41.501	ng/uL	99
76) Pentachlorobenzene	14.757	250	1950497	39.692	ng/uL	99
77) Carbazole	17.651	167	6736443	49.328	ng/ul	99
78) Di-n-butylphthalate	18.275	149	8031862	47.973	ng/ul	99
80) Fluoranthene	19.375	202	8104487	41.423	ng/ul	99
82) Pyrene	19.751	202	8572535	41.113	ng/ul	98
83) Butylbenzylphthalate	20.716	149	3397215	47.222	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.604	252	2513289	35.188	ng/ul	99
85) Benzo(a)anthracene	21.698	228	8681883	39.933	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.657	149	5353678	50.280	ng/ul	100
87) Chrysene	21.757	228	8114729	39.200	ng/ul	99
89) Di-n-octyl phthalate	22.992	149	8343544	50.119	ng/ul	100
90) Benzo(b)fluoranthene	24.068	252	8491852	40.617	ng/ul	99
91) Benzo(k)fluoranthene	24.139	252	8716580	41.502	ng/ul	99
93) Benzo(a)pyrene	24.992	252	7993086	41.777	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.056	276	9950752m	40.771	ng/ul	
95) Dibenzo(a,h)anthracene	29.139	278	8090552	41.235	ng/ul	99
96) Benzo(g,h,i)perylene	30.262	276	7441452	39.693	ng/ul	99

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

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