Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032125\
Data File : BM049736.D
Acq On : 21 Mar 2025 11:42
Operator : RC/JU
Sample : SSTD00590
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005034

Quant Time: Mar 21 16:05:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:01:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	279123	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	927309	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	570310	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1083134	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	970099	20.000	ng/ul	0.00
88) Perylene-d12	24.444	264	974332	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	13660	1.999	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.340	132	65658	3.892	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.957	128	28957	4.132	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	24779	3.314	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	62585	3.834	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.851	166	180199	4.325	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	207398	4.250	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.433	176	154541	4.152	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.286	188	227062	4.141	ng/ul	0.00
81) Pyrene-d10	19.580	212	236977	4.065	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.239	264	200220	3.849	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	14370	1.979	ng/uL	97
12) 2-Chlorophenol	7.375	128	75032	4.284	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.610	70	52446	3.684	ng/ul	98
19) Hexachloroethane	8.887	117	34873	4.563	ng/ul	99
22) Nitrobenzene	8.998	77	81334	4.589	ng/ul	93
23) Isophorone	9.534	82	129400	3.865	ng/ul	99
25) 2-Nitrophenol	9.716	139	30413	3.651	ng/ul	94
26) 2,4-Dimethylphenol	9.781	107	65222	4.231	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.010	93	89506	4.291	ng/ul	98
29) 2,4-Dichlorophenol	10.251	162	67371	4.111	ng/ul	96
30) Naphthalene	10.651	128	220103	4.569	ng/ul	98
33) Hexachlorobutadiene	10.945	225	57537	4.819	ng/ul	99
35) 4-Chloro-3-methylphenol	11.886	107	47816	3.331	ng/ul	98
36) 2-Methylnaphthalene	12.263	142	146736	4.147	ng/ul	98
37) 1-Methylnaphthalene	12.486	142	144294	4.131	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.633	216	97879	4.674	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	45110	3.779	ng/ul	95
42) 2,4,5-Trichlorophenol	12.945	196	47886	3.724	ng/ul	96
43) 1,1'-Biphenyl	13.280	154	199220	4.700	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	161579	4.784	ng/ul	97
45) 2-Nitroaniline	13.516	65	27733	3.457	ng/ul	91
47) Dimethylphthalate	13.898	163	182063	4.434	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	24827	3.268	ng/ul	91
50) Acenaphthylene	14.163	152	217475	4.370	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.510	153	162672	4.536	ng/ul	99
56) Dibenzofuran	14.845	168	234035	4.620	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	36726	3.320	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.074	232	35800	3.424	ng/ul#	99
59) Diethylphthalate	15.269	149	160147	4.072	ng/ul	99
61) Fluorene	15.492	166	182750	4.204	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.486	204	98741	4.107	ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	140379	4.280	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	53738	4.172	ng/ul	99
69) Hexachlorobenzene	16.498	284	64293	4.400	ng/ul	96
72) Phenanthrene	17.227	178	273644	4.478	ng/ul	100
74) Anthracene	17.321	178	264637	4.326	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	93726	4.970	ng/uL	96
76) Pentachlorobenzene	14.763	250	86821	4.630	ng/uL	98
78) Di-n-butylphthalate	18.163	149	210697	3.524	ng/ul	99
80) Fluoranthene	19.245	202	278359	4.247	ng/ul	99
82) Pyrene	19.604	202	305466	4.389	ng/ul#	96
83) Butylbenzylphthalate	20.509	149	71057	3.227	ng/ul	96
85) Benzo(a)anthracene	21.409	228	288555	4.327	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	108406	3.295	ng/ul	99
87) Chrysene	21.468	228	273450	4.529	ng/ul	100
90) Benzo(b)fluoranthene	23.492	252	258142	3.922	ng/ul	99
91) Benzo(k)fluoranthene	23.550	252	261263	3.933	ng/ul	99
93) Benzo(a)pyrene	24.303	252	232670	3.950	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.844	276	298893	4.532	ng/ul	97
95) Dibenzo(a,h)anthracene	27.909	278	240274	4.488	ng/ul	100
96) Benzo(g,h,i)perylene	28.897	276	240577	4.867	ng/ul	99

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

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