Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
Data File : BM044500.D
Acq On : 05 Mar 2024 14:03
Operator : MA/JU
Sample : SSTD00599
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005020

Quant Time: Mar 05 16:02:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 15:51:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	274150	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	1203830	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.368	164	731026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1580865	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1446645	20.000	ng/ul	0.00
88) Perylene-d12	23.568	264	1603735	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	15789	1.851	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	7.269	132	91399	4.600	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.892	128	43595	4.440	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	45035	4.439	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	81058	4.560	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.792	166	269223	4.773	ng/ul	0.00
49) Acenaphthylene-d8	14.062	160	296981	4.584	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.368	176	228682	4.813	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.221	188	351744	4.670	ng/ul	0.00
81) Pyrene-d10	19.515	212	416687	4.790	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.421	264	387405	4.709	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	16180	1.801	ng/uL	93
12) 2-Chlorophenol	7.298	128	96024	4.665	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.539	70	78938	4.859	ng/ul	97
19) Hexachloroethane	8.798	117	40507	4.665	ng/ul	96
22) Nitrobenzene	8.933	77	109902	4.651	ng/ul	92
23) Isophorone	9.457	82	218397	4.698	ng/ul	99
25) 2-Nitrophenol	9.639	139	51205	4.560	ng/ul	97
26) 2,4-Dimethylphenol	9.698	107	95026	4.489	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.945	93	145947	4.865	ng/ul	99
29) 2,4-Dichlorophenol	10.163	162	82482	4.591	ng/ul	99
30) Naphthalene	10.563	128	323028	4.735	ng/ul	98
33) Hexachlorobutadiene	10.833	225	48407	4.534	ng/ul	95
35) 4-Chloro-3-methylphenol	11.804	107	93663	4.799	ng/ul	98
36) 2-Methylnaphthalene	12.180	142	207974	4.738	ng/ul	99
37) 1-Methylnaphthalene	12.398	142	208055	4.792	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	96625	4.519	ng/ul	97
41) 2,4,6-Trichlorophenol	12.798	196	64342	4.642	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	68532	4.584	ng/ul	98
43) 1,1'-Biphenyl	13.204	154	277642	4.712	ng/ul	99
44) 2-Chloronaphthalene	13.239	162	211954	4.590	ng/ul	97
45) 2-Nitroaniline	13.457	65	60670	4.656	ng/ul	98
47) Dimethylphthalate	13.839	163	273569	4.751	ng/ul	99
48) 2,6-Dinitrotoluene	13.962	165	49731	4.570	ng/ul	99
50) Acenaphthylene	14.092	152	353769	4.633	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.433	153	238535	4.731	ng/ul	100
56) Dibenzofuran	14.774	168	323483	4.790	ng/ul	97
57) 2,4-Dinitrotoluene	14.751	165	71948	4.599	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.998	232	59448	4.925	ng/ul	99
59) Diethylphthalate	15.204	149	285134	4.811	ng/ul	99
61) Fluorene	15.421	166	271338	4.989	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.421	204	127262	4.970	ng/ul	98
67) N-Nitrosodiphenylamine	15.639	169	216219	4.530	ng/ul	99
68) 4-Bromophenyl-phenylether	16.321	248	74070	4.716	ng/ul	96
69) Hexachlorobenzene	16.415	284	84849	4.724	ng/ul	94
72) Phenanthrene	17.162	178	421808	4.665	ng/ul	100
74) Anthracene	17.256	178	424554	4.665	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	96222	4.396	ng/uL	97
76) Pentachlorobenzene	14.686	250	95763	4.570	ng/uL	98
78) Di-n-butylphthalate	18.103	149	553773	5.064	ng/ul	99
80) Fluoranthene	19.180	202	495136	4.758	ng/ul	99
82) Pyrene	19.544	202	525043	4.821	ng/ul	98
83) Butylbenzylphthalate	20.462	149	249925	5.028	ng/ul	97
85) Benzo(a)anthracene	21.297	228	507506	4.702	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.238	149	406284	5.379	ng/ul	100
87) Chrysene	21.344	228	469334	4.629	ng/ul	100
90) Benzo(b)fluoranthene	22.885	252	497296	4.818	ng/ul	99
91) Benzo(k)fluoranthene	22.932	252	485452	4.593	ng/ul	99
93) Benzo(a)pyrene	23.468	252	466464	4.713	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.838	276	526313	4.431	ng/ul	99
95) Dibenzo(a,h)anthracene	25.862	278	437876	4.419	ng/ul	100
96) Benzo(g,h,i)perylene	26.538	276	422769	4.407	ng/ul	100

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

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