Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020224\
Data File : BM043964.D
Acq On : 02 Feb 2024 13:15
Operator : MA/JU
Sample : SSTD00587
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005006

Quant Time: Feb 02 15:25:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 15:20:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	270513	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	1108352	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	637463	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.315	188	1358034	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240	1311539	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	1539916	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	15147	2.138	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	7.445	132	82158	4.250	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.087	128	38903	4.339	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	34919	3.550	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	70243	3.938	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.980	166	221705	4.341	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	254095	4.348	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.557	176	192301	4.445	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.415	188	295913	4.432	ng/ul	0.00
81) Pyrene-d10	19.709	212	336011	4.304	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.768	264	344757	4.205	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	14144	1.924	ng/uL	92
12) 2-Chlorophenol	7.475	128	89505	4.454	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.728	70	71046	3.997	ng/ul	97
19) Hexachloroethane	8.992	117	39835	4.555	ng/ul	97
22) Nitrobenzene	9.128	77	102368	4.569	ng/ul	98
23) Isophorone	9.651	82	185392	4.093	ng/ul	99
25) 2-Nitrophenol	9.839	139	39044	3.704	ng/ul	94
26) 2,4-Dimethylphenol	9.898	107	89849	4.354	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.145	93	120408	4.432	ng/ul	99
29) 2,4-Dichlorophenol	10.369	162	71906	4.045	ng/ul	98
30) Naphthalene	10.769	128	289725	4.643	ng/ul	99
33) Hexachlorobutadiene	11.051	225	49305	4.846	ng/ul	97
35) 4-Chloro-3-methylphenol	12.010	107	72758	3.719	ng/ul	98
36) 2-Methylnaphthalene	12.386	142	185830	4.306	ng/ul	98
37) 1-Methylnaphthalene	12.604	142	183729	4.279	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.745	216	91753	4.932	ng/ul	98
41) 2,4,6-Trichlorophenol	12.992	196	49992	3.870	ng/ul	99
42) 2,4,5-Trichlorophenol	13.057	196	54642	3.981	ng/ul	99
43) 1,1'-Biphenyl	13.398	154	241076	4.599	ng/ul	100
44) 2-Chloronaphthalene	13.433	162	191195	4.712	ng/ul	99
45) 2-Nitroaniline	13.645	65	46786	3.713	ng/ul	95
47) Dimethylphthalate	14.027	163	231155	4.491	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	35394	3.524	ng/ul	96
50) Acenaphthylene	14.280	152	303824	4.451	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.621	153	203508	4.501	ng/ul	98
56) Dibenzofuran	14.963	168	281081	4.611	ng/ul	98
57) 2,4-Dinitrotoluene	14.933	165	50293	3.405	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.186	232	44650	3.889	ng/ul	98
59) Diethylphthalate	15.398	149	228464	4.179	ng/ul	100
61) Fluorene	15.610	166	230544	4.437	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.616	204	112381	4.568	ng/ul	98
67) N-Nitrosodiphenylamine	15.827	169	185755	4.321	ng/ul	98
68) 4-Bromophenyl-phenylether	16.510	248	65537	4.467	ng/ul	100
69) Hexachlorobenzene	16.604	284	76213	4.425	ng/ul	98
72) Phenanthrene	17.357	178	361856	4.509	ng/ul	99
74) Anthracene	17.445	178	359056	4.399	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	89023	4.776	ng/uL	95
76) Pentachlorobenzene	14.874	250	86912	4.608	ng/uL	96
78) Di-n-butylphthalate	18.304	149	370460	3.665	ng/ul	99
80) Fluoranthene	19.380	202	401395	4.238	ng/ul	99
82) Pyrene	19.739	202	433217	4.404	ng/ul	99
83) Butylbenzylphthalate	20.662	149	152440	3.367	ng/ul	99
85) Benzo(a)anthracene	21.497	228	442249	4.566	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	227032	3.158	ng/ul	99
87) Chrysene	21.550	228	424895	4.850	ng/ul	98
90) Benzo(b)fluoranthene	23.192	252	440735	4.240	ng/ul	99
91) Benzo(k)fluoranthene	23.239	252	433201	4.214	ng/ul	100
93) Benzo(a)pyrene	23.815	252	410884	4.287	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	510117	4.607	ng/ul	99
95) Dibenzo(a,h)anthracene	26.450	278	423088	4.602	ng/ul	99
96) Benzo(g,h,i)perylene	27.185	276	415721	4.890	ng/ul	98

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

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