Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092724\
Data File : BM047679.D
Acq On : 27 Sep 2024 18:16
Operator : RC/JU
Sample : SSTD00536
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005020

Quant Time: Sep 28 02:14:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 01:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	138520	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	529434	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	302704	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	578678	20.000	ng/ul	0.00
79) Chrysene-d12	21.415	240	534776	20.000	ng/ul	0.00
88) Perylene-d12	24.421	264	597684	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	8995	2.619	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	7.351	132	39921	4.037	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.969	128	16754	4.098	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	15171	3.928	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	32217	4.102	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.857	166	98111	4.410	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	108953	4.058	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.439	176	82767	4.305	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.286	188	124347	4.462	ng/ul	0.00
81) Pyrene-d10	19.568	212	131377	4.215	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.221	264	128844	4.057	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	9295	2.507	ng/uL#	95
12) 2-Chlorophenol	7.381	128	43740	4.271	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.622	70	35799	4.107	ng/ul	99
19) Hexachloroethane	8.898	117	21219	4.822	ng/ul	89
22) Nitrobenzene	9.010	77	52400	5.129	ng/ul	96
23) Isophorone	9.539	82	87787	4.309	ng/ul	99
25) 2-Nitrophenol	9.722	139	17623	3.946	ng/ul	98
26) 2,4-Dimethylphenol	9.786	107	41981	4.371	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.022	93	57970	4.702	ng/ul	100
29) 2,4-Dichlorophenol	10.257	162	34475	4.330	ng/ul	91
30) Naphthalene	10.663	128	140222	4.807	ng/ul	99
33) Hexachlorobutadiene	10.951	225	25507	5.371	ng/ul	96
35) 4-Chloro-3-methylphenol	11.886	107	34537	3.852	ng/ul	94
36) 2-Methylnaphthalene	12.275	142	84551	4.217	ng/ul	98
37) 1-Methylnaphthalene	12.492	142	86316	4.261	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.645	216	45010	5.009	ng/ul	96
41) 2,4,6-Trichlorophenol	12.880	196	21870	3.966	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	24642	4.112	ng/ul	97
43) 1,1'-Biphenyl	13.286	154	109103	4.573	ng/ul	98
44) 2-Chloronaphthalene	13.327	162	84234	4.603	ng/ul	95
45) 2-Nitroaniline	13.521	65	21969	4.127	ng/ul	95
47) Dimethylphthalate	13.904	163	98960	4.379	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	14054	3.408	ng/ul#	91
50) Acenaphthylene	14.169	152	125700	4.331	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.516	153	93274	4.524	ng/ul	97
56) Dibenzofuran	14.851	168	127532	4.759	ng/ul	97
57) 2,4-Dinitrotoluene	14.804	165	21004	3.537	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	19037	4.128	ng/ul	98
59) Diethylphthalate	15.268	149	96554	4.038	ng/ul	99
61) Fluorene	15.492	166	102447	4.380	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	47985	4.431	ng/ul	99
67) N-Nitrosodiphenylamine	15.704	169	77834	4.327	ng/ul	98
68) 4-Bromophenyl-phenylether	16.386	248	26364	4.404	ng/ul	98
69) Hexachlorobenzene	16.498	284	30838	4.508	ng/ul	98
72) Phenanthrene	17.227	178	153769	4.658	ng/ul	98
74) Anthracene	17.321	178	152029	4.548	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	44645	5.305	ng/uL	96
76) Pentachlorobenzene	14.768	250	45048	5.420	ng/uL	98
78) Di-n-butylphthalate	18.156	149	138277	3.509	ng/ul	99
80) Fluoranthene	19.239	202	159311	4.337	ng/ul	98
82) Pyrene	19.598	202	177307	4.529	ng/ul	99
83) Butylbenzylphthalate	20.497	149	53475	2.992	ng/ul	98
85) Benzo(a)anthracene	21.397	228	169212	4.430	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.327	149	76390	2.818	ng/ul#	99
87) Chrysene	21.456	228	169365	4.806	ng/ul	100
90) Benzo(b)fluoranthene	23.468	252	161655	4.213	ng/ul	99
91) Benzo(k)fluoranthene	23.533	252	163571	4.341	ng/ul	98
93) Benzo(a)pyrene	24.280	252	150322	4.265	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.809	276	196522	4.547	ng/ul	99
95) Dibenzo(a,h)anthracene	27.868	278	161023	4.575	ng/ul	99
96) Benzo(g,h,i)perylene	28.868	276	157355	4.766	ng/ul	98

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

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