Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082324\
Data File : BP021624.D
Acq On : 23 Aug 2024 13:31
Operator : RC/JU
Sample : SSTD00525
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005602

Quant Time: Aug 23 16:58:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 23 16:18:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	303334	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1209854	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.445	164	821181	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1792315	20.000	ng/ul	0.01
79) Chrysene-d12	21.710	240	1888629	20.000	ng/ul	0.00
88) Perylene-d12	25.133	264	2214374	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	17884	2.553	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	7.328	132	93842	4.623	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.934	128	43020	4.555	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.657	143	40332	3.815	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	85678	4.397	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.840	166	303022	5.030	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	320939	4.725	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.457	176	251652	5.072	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.351	188	410501	5.052	ng/ul	0.00
81) Pyrene-d10	19.727	212	486925	4.243	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.898	264	541036	4.872	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	18948	2.463	ng/uL#	92
12) 2-Chlorophenol	7.358	128	99210	4.808	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.587	70	86216	5.046	ng/ul	98
19) Hexachloroethane	8.869	117	45675	4.925	ng/ul	98
22) Nitrobenzene	8.975	77	122828	5.218	ng/ul	96
23) Isophorone	9.510	82	244873	5.218	ng/ul	99
25) 2-Nitrophenol	9.687	139	44694	3.989	ng/ul	100
26) 2,4-Dimethylphenol	9.757	107	123479	5.342	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.987	93	161442	5.627	ng/ul	95
29) 2,4-Dichlorophenol	10.228	162	87621	4.543	ng/ul	100
30) Naphthalene	10.628	128	328759	5.074	ng/ul	99
33) Hexachlorobutadiene	10.922	225	64435	4.550	ng/ul	94
35) 4-Chloro-3-methylphenol	11.857	107	113190	5.185	ng/ul	99
36) 2-Methylnaphthalene	12.240	142	215370	4.848	ng/ul	97
37) 1-Methylnaphthalene	12.463	142	217566	4.816	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.616	216	119965	4.504	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	72503	4.295	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	77343	4.295	ng/ul	96
43) 1,1'-Biphenyl	13.257	154	294954	4.859	ng/ul	98
44) 2-Chloronaphthalene	13.298	162	231360	4.791	ng/ul	99
45) 2-Nitroaniline	13.498	65	62908	4.610	ng/ul	93
47) Dimethylphthalate	13.887	163	304392	4.976	ng/ul	98
48) 2,6-Dinitrotoluene	14.004	165	45948	3.801	ng/ul	97
50) Acenaphthylene	14.163	152	353965	4.647	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.510	153	252663	4.932	ng/ul	98
56) Dibenzofuran	14.851	168	352642	5.018	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	70104	4.174	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.087	232	68167	4.439	ng/ul	99
59) Diethylphthalate	15.275	149	306694	5.011	ng/ul	99
61) Fluorene	15.504	166	292704	5.088	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	149002	4.859	ng/ul	94
67) N-Nitrosodiphenylamine	15.722	169	248872	4.740	ng/ul	98
68) 4-Bromophenyl-phenylether	16.428	248	93886	4.494	ng/ul	92
69) Hexachlorobenzene	16.539	284	114458	4.752	ng/ul	98
72) Phenanthrene	17.292	178	477568	5.054	ng/ul	99
74) Anthracene	17.386	178	475245	4.924	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	122090	4.274	ng/uL	99
76) Pentachlorobenzene	14.769	250	134721	4.746	ng/uL	98
78) Di-n-butylphthalate	18.257	149	522423	4.817	ng/ul	100
80) Fluoranthene	19.386	202	571770	4.150	ng/ul	100
82) Pyrene	19.757	202	622426	4.389	ng/ul	98
83) Butylbenzylphthalate	20.710	149	242642	4.111	ng/ul	98
85) Benzo(a)anthracene	21.686	228	627110	4.704	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.639	149	375283	4.380	ng/ul	99
87) Chrysene	21.757	228	597327	4.801	ng/ul	99
90) Benzo(b)fluoranthene	24.057	252	636315	4.664	ng/ul	100
91) Benzo(k)fluoranthene	24.127	252	634863	4.682	ng/ul	99
93) Benzo(a)pyrene	24.974	252	587494	4.611	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.015	276	768341	4.742	ng/ul	99
95) Dibenzo(a,h)anthracene	29.103	278	617460	4.629	ng/ul	99
96) Benzo(g,h,i)perylene	30.203	276	593236	4.558	ng/ul	100

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

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