Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071123\
Data File : BP016184.D
Acq On : 11 Jul 2023 16:34
Operator : MA/JU
Sample : SSTD00595
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005639

Quant Time: Jul 12 01:04:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 12 00:24:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	161072	20.000	ng/ul	0.02
20) Naphthalene-d8	10.799	136	760563	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.628	164	504823	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.392	188	1146260	20.000	ng/ul	0.01
79) Chrysene-d12	21.492	240	1152418	20.000	ng/ul	0.01
88) Perylene-d12	23.998	264	1352063	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	8881	1.984	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	7.540	132	42427	4.078	ng/ul	0.04
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.210	128	14816	2.549	ng/ul	0.05
24) 2-Nitrophenol-d4	9.963	143	23956m	3.531	ng/ul	0.08
28) 2,4-Dichlorophenol-d3	10.546	165	39908m	3.301	ng/ul	0.09
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.051	166	180426	4.624	ng/ul	0.02
49) Acenaphthylene-d8	14.328	160	187069	4.265	ng/ul	0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.639	176	154973	4.824	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.516	188	235612	4.500	ng/ul	0.03
81) Pyrene-d10	19.745	212	281644	3.743	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.833	264	280944	4.119	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	10325	2.143	ng/uL	96
12) 2-Chlorophenol	7.575	128	46107	4.172	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.816	70	45372m	4.565	ng/ul	
19) Hexachloroethane	9.034	117	22699	4.447	ng/ul	97
22) Nitrobenzene	9.252	77	59740	3.660	ng/ul	100
23) Isophorone	9.746	82	125420	4.015	ng/ul	98
25) 2-Nitrophenol	10.004	139	25074m	3.483	ng/ul	
26) 2,4-Dimethylphenol	10.052	107	60285	3.809	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.281	93	73307	4.157	ng/ul	99
29) 2,4-Dichlorophenol	10.587	162	42900m	3.569	ng/ul	
30) Naphthalene	10.851	128	190193	4.600	ng/ul	99
33) Hexachlorobutadiene	11.099	225	33866	3.731	ng/ul	94
35) 4-Chloro-3-methylphenol	12.187	107	54995m	3.909	ng/ul	
36) 2-Methylnaphthalene	12.493	142	125571	4.614	ng/ul	94
37) 1-Methylnaphthalene	12.693	142	125799	4.531	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.857	216	66218	3.980	ng/ul	97
41) 2,4,6-Trichlorophenol	13.134	196	36735m	3.494	ng/ul	
42) 2,4,5-Trichlorophenol	13.257	196	38080m	3.415	ng/ul	
43) 1,1'-Biphenyl	13.475	154	173758	4.346	ng/ul	100
44) 2-Chloronaphthalene	13.534	162	133828	4.249	ng/ul	98
45) 2-Nitroaniline	13.816	65	34436m	3.474	ng/ul	
47) Dimethylphthalate	14.104	163	186668	4.623	ng/ul	98
48) 2,6-Dinitrotoluene	14.281	165	27135	3.313	ng/ul	99
50) Acenaphthylene	14.357	152	227129	4.700	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.692	153	161853	4.829	ng/ul	99
56) Dibenzofuran	15.057	168	216768	4.659	ng/ul	95
57) 2,4-Dinitrotoluene	15.110	165	40732m	3.649	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.316	232	37726	3.939	ng/ul#	98
59) Diethylphthalate	15.451	149	189419	4.635	ng/ul	98
61) Fluorene	15.698	166	180686	4.788	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	86210	4.465	ng/ul	98
67) N-Nitrosodiphenylamine	15.916	169	142644	4.157	ng/ul	98
68) 4-Bromophenyl-phenylether	16.581	248	50584	3.864	ng/ul	96
69) Hexachlorobenzene	16.704	284	63105	4.086	ng/ul	94
72) Phenanthrene	17.445	178	293048	4.706	ng/ul	99
74) Anthracene	17.557	178	279271	4.463	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	72288	3.876	ng/uL	98
76) Pentachlorobenzene	14.969	250	67744	3.599	ng/uL	97
78) Di-n-butylphthalate	18.333	149	307460	4.397	ng/ul	99
80) Fluoranthene	19.427	202	331808	3.548	ng/ul	99
82) Pyrene	19.780	202	366470	3.841	ng/ul	98
83) Butylbenzylphthalate	20.610	149	138330	3.554	ng/ul	99
85) Benzo(a)anthracene	21.480	228	340237	4.197	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	206539	3.861	ng/ul	99
87) Chrysene	21.533	228	384827	5.003	ng/ul	99
90) Benzo(b)fluoranthene	23.233	252	356216	4.100	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	360417	4.106	ng/ul	98
93) Benzo(a)pyrene	23.886	252	348376m	4.589	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.692	276	401416m	3.895	ng/ul	
95) Dibenzo(a,h)anthracene	26.692	278	327197m	3.866	ng/ul	
96) Benzo(g,h,i)perylene	27.521	276	333346m	3.932	ng/ul	

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

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