Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091023\
Data File : BP017085.D
Acq On : 11 Sep 2023 02:31
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 101 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005603

Quant Time: Sep 11 05:50:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 05:32:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	262309	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	1126224	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	679071	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	1454347	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1317913	20.000	ng/ul	0.00
88) Perylene-d12	24.016	264	1436026	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	13109	1.890	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	7.481	132	74874	4.317	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.158	128	33472	3.831	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	30926	3.265	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	63595	3.637	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.034	166	217869	4.310	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	229450	3.933	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.616	176	186693	4.314	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.486	188	275556	4.126	ng/ul	0.00
81) Pyrene-d10	19.728	212	297584	3.707	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	292834	4.020	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	14561	1.945	ng/uL	97
12) 2-Chlorophenol	7.511	128	79977	4.328	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	69929	4.443	ng/ul	98
19) Hexachloroethane	9.028	117	35218	4.601	ng/ul	95
22) Nitrobenzene	9.199	77	103158	4.422	ng/ul	97
23) Isophorone	9.710	82	176615	4.030	ng/ul	99
25) 2-Nitrophenol	9.905	139	37194	3.567	ng/ul	95
26) 2,4-Dimethylphenol	9.940	107	90813	4.265	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.199	93	123590	4.550	ng/ul	97
29) 2,4-Dichlorophenol	10.422	162	70526	3.958	ng/ul	98
30) Naphthalene	10.834	128	280135	4.558	ng/ul	99
33) Hexachlorobutadiene	11.063	225	42393	3.980	ng/ul	94
35) 4-Chloro-3-methylphenol	12.069	107	74811	3.831	ng/ul	98
36) 2-Methylnaphthalene	12.440	142	176829	4.354	ng/ul	100
37) 1-Methylnaphthalene	12.663	142	180828	4.423	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.793	216	82239	4.110	ng/ul	97
41) 2,4,6-Trichlorophenol	13.046	196	47894	3.517	ng/ul	98
42) 2,4,5-Trichlorophenol	13.116	196	53265	3.595	ng/ul	100
43) 1,1'-Biphenyl	13.451	154	240940	4.482	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	189779	4.497	ng/ul	100
45) 2-Nitroaniline	13.734	65	46927	3.734	ng/ul	97
47) Dimethylphthalate	14.081	163	231340	4.362	ng/ul	98
48) 2,6-Dinitrotoluene	14.222	165	32695	3.174	ng/ul	89
50) Acenaphthylene	14.345	152	291365	4.461	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.681	153	209905	4.606	ng/ul	99
56) Dibenzofuran	15.022	168	286630	4.574	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	48970	3.312	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.240	232	40471	3.388	ng/ul	97
59) Diethylphthalate	15.434	149	226481	4.273	ng/ul	99
61) Fluorene	15.669	166	230159	4.455	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.663	204	105823	4.238	ng/ul	98
67) N-Nitrosodiphenylamine	15.887	169	182165	4.154	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	53328	3.686	ng/ul	97
69) Hexachlorobenzene	16.645	284	61786	3.896	ng/ul	98
72) Phenanthrene	17.434	178	365101	4.518	ng/ul	99
74) Anthracene	17.528	178	352876	4.344	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	84917	4.099	ng/uL	98
76) Pentachlorobenzene	14.910	250	73792	3.698	ng/uL	100
78) Di-n-butylphthalate	18.322	149	327109	3.657	ng/ul	99
80) Fluoranthene	19.398	202	372646	3.718	ng/ul	98
82) Pyrene	19.757	202	410346	3.943	ng/ul	99
83) Butylbenzylphthalate	20.616	149	139265	3.236	ng/ul	99
85) Benzo(a)anthracene	21.469	228	406150	4.376	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.351	149	198503	3.339	ng/ul	98
87) Chrysene	21.527	228	381979	4.399	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	376591	3.753	ng/ul	98
91) Benzo(k)fluoranthene	23.280	252	379078	3.902	ng/ul	99
93) Benzo(a)pyrene	23.898	252	353104	4.219	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.692	276	423063	4.554	ng/ul	98
95) Dibenzo(a,h)anthracene	26.721	278	351163	4.580	ng/ul	99
96) Benzo(g,h,i)perylene	27.533	276	333165	4.551	ng/ul	97

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

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