

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG-2023\BG-JUL-23\BG072623\
 Data File : BG058479.D
 Acq On : 26 Jul 2023 15:05
 Operator : MA/JU
 Sample : DFTPP524
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 10 04:45:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 26 17:43:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng/ul	-7.82
20) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.62
38) Acenaphthene-d10	14.469	164	739	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.218	188	2465	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.455	240	5873	20.000	ng/ul	0.00
88) Perylene-d12	24.539	264	3312	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	3.658	84	224	0.000	ng/ul	0.00
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0	0.000	ng/ul	
46) Dimethylphthalate-d6	13.881	166	1355	23.778	ng/ul	0.01
49) Acenaphthylene-d8	14.169	160	1033	17.298	ng/ul	0.01
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.468	176	1295	27.448	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.324	188	1851	17.379	ng/ul	0.02
81) Pyrene-d10	19.604	212	8291	23.902	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.322	264	4869	30.416	ng/ul	0.01
Target Compounds						
					Qvalue	
47) Dimethylphthalate	13.928	163	1279	22.345	ng/ul#	77
50) Acenaphthylene	14.193	152	1149	17.824	ng/ul#	82
52) Acenaphthene	14.533	153	908	20.288	ng/ul	94
56) Dibenzofuran	14.892	168	731	11.471	ng/ul#	40
59) Diethylphthalate	15.285	149	1697	28.778	ng/ul#	86
61) Fluorene	15.520	166	1251	23.937	ng/ul#	94
62) 4-Chlorophenyl-phenyle...	15.520	204	190	6.848	ng/ul#	32
67) N-Nitrosodiphenylamine	15.761	169	288	4.713	ng/ul#	23
69) Hexachlorobenzene	16.525	284	553	18.770	ng/ul#	46
70) Atrazine	16.690	200	287	11.980	ng/ul#	38
72) Phenanthrene	17.265	178	2330	19.890	ng/ul#	90
74) Anthracene	17.354	178	1557	13.240	ng/ul#	89
75) 1,2,3,4-Tetrachloroben...	13.276	216	134	4.334	ng/uL#	17
76) Pentachlorobenzene	14.798	250	358	10.588	ng/uL#	72
77) Carbazole	17.641	167	8620	84.558	ng/ul#	82
78) Di-n-butylphthalate	18.170	149	3203	24.727	ng/ul#	94
80) Fluoranthene	19.269	202	3663	9.218	ng/ul#	92
82) Pyrene	19.633	202	4034	10.019	ng/ul#	79
83) Butylbenzylphthalate	20.520	149	1809	11.410	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.378	252	503	3.837	ng/ul#	88
85) Benzo(a)anthracene	21.443	228	4922	12.469	ng/ul#	84
86) Bis(2-ethylhexyl)phtha...	21.337	149	5102	22.624	ng/ul#	88
87) Chrysene	21.502	228	4796	12.809	ng/ul#	95
89) Di-n-octyl phthalate	22.489	149	6167	34.996	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(b)fluoranthene	23.558	252	5590	29.171	ng/ul#	89
91) Benzo(k)fluoranthene	23.617	252	5471	28.626	ng/ul#	66
93) Benzo(a)pyrene	24.381	252	1992	11.687	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.035	276	1000	4.453	ng/ul#	80
95) Dibenzo(a,h)anthracene	28.094	278	530	2.878	ng/ul#	58
96) Benzo(g,h,i)perylene	29.128	276	688	3.760	ng/ul#	55

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

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