

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061348.D
 Acq On : 30 May 2024 4:59
 Operator : MA/JU
 Sample : P2571-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH658

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 05:45:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	31035	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.673	136	133297	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	101672	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.266	188	221257	20.000	ng/u1	0.00
79) Chrysene-d12	21.514	240	228626	20.000	ng/u1	0.00
88) Perylene-d12	24.598	264	260780	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	2509	4.524	ng/uL	0.00
4) Pyridine-d5	3.746	84	9691	4.912	ng/u1	0.00
7) Phenol-d5	7.060	99	57795	22.677	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	36451	22.755	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	45995	24.385	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	46543	21.417	ng/u1	-0.01
21) Nitrobenzene-d5	9.034	128	25557	24.902	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.757	143	28824	23.998	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.309	165	58974	25.185	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	41288	13.478	ng/u1	-0.01
46) Dimethylphthalate-d6	13.922	166	189476	24.028	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	211930	25.851	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.745	143	14258	14.625	ng/u1	0.00
60) Fluorene-d10	15.509	176	164579	24.174	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	22199	16.589	ng/u1	0.00
73) Anthracene-d10	17.360	188	251566	25.790	ng/u1	0.00
81) Pyrene-d10	19.651	212	307122	26.163	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.393	264	332271	26.503	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.307	178	149296	13.902	ng/u1	99
74) Anthracene	17.395	178	21977	1.979	ng/u1	97
77) Carbazole	17.665	167	13103	1.451	ng/u1	94
80) Fluoranthene	19.322	202	375513	26.665	ng/u1	99
82) Pyrene	19.686	202	340262	23.278	ng/u1	99
83) Butylbenzylphthalate	20.573	149	9191	1.830	ng/u1#	91
85) Benzo(a)anthracene	21.496	228	192510	12.203	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.408	149	40851	5.496	ng/u1#	95
87) Chrysene	21.561	228	221601	15.256	ng/u1	95
90) Benzo(b)fluoranthene	23.629	252	283976	18.290	ng/u1	100
91) Benzo(k)fluoranthene	23.687	252	114008m	7.233	ng/u1	
93) Benzo(a)pyrene	24.457	252	194179	13.170	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.094	276	137080m	7.688	ng/u1	
95) Dibenzo(a,h)anthracene	28.135	278	37887m	2.577	ng/u1	
96) Benzo(g,h,i)perylene	29.181	276	123920m	8.737	ng/u1	

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

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