

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057288.D
 Acq On : 3 May 2023 15:54
 Operator : CG/JU
 Sample : 02419-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW918

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 04 02:54:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	15773	20.000	ng/u1	0.00
20) Naphthalene-d8	11.216	136	63593	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.993	164	47092	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.736	188	101597	20.000	ng/u1	0.00
79) Chrysene-d12	22.060	240	82180	20.000	ng/u1	0.00
88) Perylene-d12	25.590	264	89337	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	655m	1.827	ng/uL	0.00
4) Pyridine-d5	4.125	84	1900m	1.681	ng/u1	0.03
7) Phenol-d5	7.521	99	23163	15.528	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	12488	14.234	ng/u1	0.00
11) 2-Chlorophenol-d4	7.908	132	16693	16.982	ng/u1	0.00
15) 4-Methylphenol-d8	9.083	113	17421	15.366	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	8279	16.348	ng/u1	0.00
24) 2-Nitrophenol-d4	10.287	143	9577	16.204	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	20262	17.770	ng/u1	0.00
31) 4-Chloroaniline-d4	11.351	131	10738	7.105	ng/u1	0.00
46) Dimethylphthalate-d6	14.376	166	64354	17.246	ng/u1	0.00
49) Acenaphthylene-d8	14.693	160	73165	17.446	ng/u1	0.00
54) 4-Nitrophenol-d4	15.193	143	6412	11.805	ng/u1	0.01
60) Fluorene-d10	15.980	176	57798	16.627	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.103	200	3004	4.990	ng/u1	0.00
73) Anthracene-d10	17.836	188	85525	18.442	ng/u1	0.00
81) Pyrene-d10	20.104	212	92537	18.971	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.349	264	84619	18.592	ng/u1	0.03
Target Compounds					Qvalue	
16) Acetophenone	9.212	105	4901	2.512	ng/u1#	94
30) Naphthalene	11.269	128	5781	1.656	ng/u1#	94
36) 2-Methylnaphthalene	12.849	142	3151	1.231	ng/u1	97
37) 1-Methylnaphthalene	13.060	142	3048	1.184	ng/u1#	93
50) Acenaphthylene	14.729	152	7498m	1.759	ng/u1	
52) Acenaphthene	15.057	153	16792	5.530	ng/u1	98
56) Dibenzofuran	15.386	168	13061	2.979	ng/u1	96
61) Fluorene	16.033	166	20516	5.533	ng/u1	95
72) Phenanthrene	17.783	178	407374	76.998	ng/u1	99
74) Anthracene	17.871	178	86503	16.277	ng/u1	98
77) Carbazole	18.136	167	43312	9.752	ng/u1	98
80) Fluoranthene	19.775	202	834017	143.934	ng/u1#	96
82) Pyrene	20.139	202	720695	122.862	ng/u1#	96
83) Butylbenzylphthalate	20.979	149	2934	1.562	ng/u1#	86
85) Benzo(a)anthracene	22.036	228	422842	72.751	ng/u1	99
87) Chrysene	22.113	228	402559	73.412	ng/u1	94
90) Benzo(b)fluoranthene	24.474	252	560868	90.660	ng/u1	96
91) Benzo(k)fluoranthene	24.533	252	188389m	31.300	ng/u1	
93) Benzo(a)pyrene	25.432	252	394191m	73.805	ng/u1	
94) Indeno(1,2,3-cd)pyrene	29.685	276	252634	37.840	ng/u1#	96
95) Dibenzo(a,h)anthracene	29.720	278	68442m	12.363	ng/u1	
96) Benzo(g,h,i)perylene	30.977	276	203653m	37.691	ng/u1	

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

