

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061354.D
 Acq On : 30 May 2024 9:04
 Operator : MA/JU
 Sample : P2571-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH668

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 02:11:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	26291	20.000	ng/u1	0.00
20) Naphthalene-d8	10.678	136	110266	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.515	164	82584	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	181259	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.519	240	192234	20.000	ng/u1	0.00
88) Perylene-d12	24.603	264	211444	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2453m	5.221	ng/uL	0.00
4) Pyridine-d5	3.751	84	17508	10.475	ng/u1	0.01
7) Phenol-d5	7.065	99	56264	26.060	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.212	67	36417	26.836	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	46582	29.153	ng/u1	0.01
15) 4-Methylphenol-d8	8.598	113	29711	16.139	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	24021	28.294	ng/u1	0.01
24) 2-Nitrophenol-d4	9.762	143	29098	29.286	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.308	165	56002	28.911	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	35655	14.070	ng/u1	0.01
46) Dimethylphthalate-d6	13.922	166	183415	28.636	ng/u1	0.00
49) Acenaphthylene-d8	14.209	160	202764	30.450	ng/u1	0.00
54) 4-Nitrophenol-d4	14.750	143	20014	25.274	ng/u1	0.01
60) Fluorene-d10	15.508	176	161580	29.220	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	19573	17.854	ng/u1	0.00
73) Anthracene-d10	17.365	188	246190	30.808	ng/u1	0.00
81) Pyrene-d10	19.656	212	307918	31.196	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	332450	32.704	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.306	178	84931	9.654	ng/u1	98
74) Anthracene	17.394	178	9246	1.016	ng/u1	95
77) Carbazole	17.670	167	8580	1.160	ng/u1	94
78) Di-n-butylphthalate	18.228	149	11386	1.228	ng/u1#	89
80) Fluoranthene	19.321	202	263823	22.281	ng/u1	99
82) Pyrene	19.685	202	246474	20.054	ng/u1	99
83) Butylbenzylphthalate	20.573	149	10665	2.526	ng/u1#	84
85) Benzo(a)anthracene	21.495	228	144995	10.931	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.413	149	65312	10.450	ng/u1#	99
87) Chrysene	21.560	228	163707	13.404	ng/u1	97
90) Benzo(b)fluoranthene	23.634	252	222393	17.665	ng/u1	98
91) Benzo(k)fluoranthene	23.687	252	80798m	6.322	ng/u1	
93) Benzo(a)pyrene	24.456	252	141286	11.819	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.093	276	96423m	6.670	ng/u1	
95) Dibenzo(a,h)anthracene	28.134	278	20765	1.742	ng/u1#	93
96) Benzo(g,h,i)perylene	29.192	276	76851m	6.682	ng/u1	

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

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