

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014968.D
 Acq On : 04 May 2023 23:54
 Operator : CG/JU
 Sample : 02479-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW949

Quant Time: May 05 01:13:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	256188	20.000	ng/u1	0.00
20) Naphthalene-d8	11.004	136	924209	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	475573	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	988966	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	943445	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1191465	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	10825	1.571	ng/uL	0.00
4) Pyridine-d5	3.934	84	11060m	0.587	ng/u1	0.04
7) Phenol-d5	7.310	99	174446	7.854	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	115620	8.422	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	146977	8.999	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	111082	6.490	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	65426	9.954	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	65344	9.681	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	117029	8.831	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	81713	4.263	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	335435	9.966	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	401065	9.935	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	20713	3.537	ng/u1	0.01
60) Fluorene-d10	15.798	176	291430	10.064	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	8683	1.560	ng/u1	0.01
73) Anthracene-d10	17.663	188	476170	10.716	ng/u1	0.00
81) Pyrene-d10	19.886	212	577885	9.082	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	628219	10.821	ng/u1	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.999	105	55129	1.970	ng/u1	93
30) Naphthalene	11.051	128	97056	1.910	ng/u1	100
36) 2-Methylnaphthalene	12.651	142	97450	3.102	ng/u1	98
37) 1-Methylnaphthalene	12.869	142	75803	2.341	ng/u1	94
50) Acenaphthylene	14.534	152	102030	2.229	ng/u1#	95
52) Acenaphthene	14.875	153	238275	7.524	ng/u1	99
56) Dibenzofuran	15.204	168	187702	4.392	ng/u1	97
61) Fluorene	15.857	166	262518	7.788	ng/u1	99
72) Phenanthrene	17.610	178	5223911	95.612	ng/u1	99
74) Anthracene	17.698	178	1497879	27.537	ng/u1	99
77) Carbazole	17.963	167	714750	15.622	ng/u1	100
80) Fluoranthene	19.569	202	8452347	108.253	ng/u1	96
82) Pyrene	19.916	202	7578809	91.617	ng/u1	97
85) Benzo(a)anthracene	21.633	228	4375098	69.477	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.527	149	190214	6.087	ng/u1#	97
87) Chrysene	21.692	228	4128952	65.119	ng/u1	96
90) Benzo(b)fluoranthene	23.457	252	5820260	75.585	ng/u1	97
91) Benzo(k)fluoranthene	23.504	252	1853435m	23.650	ng/u1	
93) Benzo(a)pyrene	24.145	252	4265389	63.162	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.027	276	3114592	37.810	ng/u1	96
95) Dibenzo(a,h)anthracene	27.033	278	791918	11.729	ng/u1#	81
96) Benzo(g,h,i)perylene	27.886	276	2798775	39.920	ng/u1	99

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

