

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031214.D
 Acq On : 25 Apr 2024 08:45
 Operator : MA/JU
 Sample : P2104-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 09:15:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	296851	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1333822	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	845094	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	1769185	20.000	ng/u1	0.00
79) Chrysene-d12	21.275	240	1388521	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1471492	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	21000	3.305	ng/uL	0.00
4) Pyridine-d5	3.552	84	202849	11.086	ng/u1	0.00
7) Phenol-d5	6.811	99	501270	20.018	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	289506	19.871	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	429445	22.026	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	384803	18.272	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	210640	21.980	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	231216	23.210	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	410252	20.883	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	451571	14.710	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1239303	21.074	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	1475986	22.148	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	201328	16.402	ng/u1	0.01
60) Fluorene-d10	15.281	176	1123660	21.949	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	42024	4.708	ng/u1	0.00
73) Anthracene-d10	17.134	188	1778478	23.193	ng/u1	0.00
81) Pyrene-d10	19.439	212	2022870	29.647	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1662985	23.832	ng/u1	0.01
Target Compounds					Qvalue	
8) Phenol	6.840	94	31107	1.205	ng/u1	94
16) Acetophenone	8.458	105	129890	3.981	ng/u1	97
50) Acenaphthylene	14.004	152	97874	1.257	ng/u1	99
72) Phenanthrene	17.075	178	315457	3.371	ng/u1	99
74) Anthracene	17.163	178	138741	1.465	ng/u1	99
80) Fluoranthene	19.098	202	863002	10.687	ng/u1	98
82) Pyrene	19.469	202	783437	9.234	ng/u1	97
85) Benzo(a)anthracene	21.257	228	708821	7.518	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.180	149	167448	2.979	ng/u1	99
87) Chrysene	21.316	228	711401	7.948	ng/u1	99
90) Benzo(b)fluoranthene	23.263	252	1075913	12.995	ng/u1	98
91) Benzo(k)fluoranthene	23.321	252	371052m	4.456	ng/u1	
93) Benzo(a)pyrene	24.045	252	639462	7.742	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.439	276	410674	4.007	ng/u1	93
95) Dibenzo(a,h)anthracene	27.474	278	117876	1.401	ng/u1#	85
96) Benzo(g,h,i)perylene	28.462	276	329838	3.996	ng/u1	99

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

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