

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
 Data File : BP023932.D
 Acq On : 05 Feb 2025 11:31
 Operator : RC/JU
 Sample : Q1226-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCZJ8

Quant Time: Feb 05 12:00:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/07/2025

02/06/2025
 Supervised By :mohammad
 ahmed

02/06/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	374581	20.000	ng/ul	0.00
20) Naphthalene-d8	10.546	136	1559648	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	960906	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1876249	20.000	ng/ul	-0.01
79) Chrysene-d12	21.610	240	1969631	20.000	ng/ul	-0.03
88) Perylene-d12	24.980	264	1866362	20.000	ng/ul	-0.03

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	62689	6.953	ng/uL	0.00
4) Pyridine-d5	3.705	84	905280	34.799	ng/ul	0.00
7) Phenol-d5	6.957	99	1281367	38.654	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	712735	40.620	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	1024970	39.374	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	1005929	37.147	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	506773	40.613	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	541156	40.192	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	959963	38.865	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	1355752	36.702	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	2971606	41.460	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	3547305	43.882	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	521877	36.664	ng/ul	0.00
60) Fluorene-d10	15.386	176	2627374	43.530	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	385798	33.330	ng/ul	0.00
73) Anthracene-d10	17.269	188	4164434	45.205	ng/ul	-0.02
81) Pyrene-d10	19.639	212	4757383	45.078	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.745	264	4630197	47.549	ng/ul	-0.03

Target Compounds	Qvalue					
10) Bis(2-Chloroethyl)ether	7.205	93	4189083	161.672	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.293	45	790692	29.578	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.563	70	545657	27.992	ng/ul	97
19) Hexachloroethane	8.846	117	1233507	116.321	ng/ul	99
22) Nitrobenzene	8.957	77	1474199	54.439	ng/ul	99
23) Isophorone	9.487	82	8396387	153.564	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.957	93	3731494	109.563	ng/ul	99
33) Hexachlorobutadiene	10.881	225	1137442	75.009	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	3166417	197.810	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	1329840	95.420	ng/ul	99
50) Acenaphthylene	14.104	152	4002500	46.493	ng/ul	100
57) 2,4-Dinitrotoluene	14.757	165	3872637	186.816	ng/ul	100
59) Diethylphthalate	15.222	149	7435100	104.062	ng/ul	98
61) Fluorene	15.445	166	2762599	39.374	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	2875566	82.794	ng/ul	99
69) Hexachlorobenzene	16.463	284	1418727	55.315	ng/ul	95
72) Phenanthrene	17.216	178	4025267	37.990	ng/ul	99
78) Di-n-butylphthalate	18.180	149	12392280	106.956	ng/ul#	88
82) Pyrene	19.674	202	5705803	44.884	ng/ul	98
83) Butylbenzylphthalate	20.627	149	3408458	62.262	ng/ul	99
85) Benzo(a)anthracene	21.592	228	5318543	41.064	ng/ul	99
87) Chrysene	21.663	228	5367415	44.975	ng/ul	98
89) Di-n-octyl phthalate	22.821	149	13198901	117.974	ng/ul	100
90) Benzo(b)fluoranthene	23.915	252	5070263	44.772	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(a)pyrene	24.821	252	3420543	32.343	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.803	276	5993057m	43.718	ng/ul	
95) Dibenzo(a,h)anthracene	28.886	278	4352903m	39.144	ng/ul	

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

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