

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
 Data File : BP023933.D
 Acq On : 05 Feb 2025 13:02
 Operator : RC/JU
 Sample : Q1226-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCZJ8DL

Quant Time: Feb 05 13:26:12 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	387045	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.528	136	1649490	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.381	164	1039942	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	2071577	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	2102528	20.000	ng/u1	-0.01
88) Perylene-d12	25.010	264	2082110	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	14600	1.567	ng/uL	-0.01
4) Pyridine-d5	3.693	84	186093	6.923	ng/u1	-0.01
7) Phenol-d5	6.934	99	253537	7.402	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.087	67	153943	8.491	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.299	132	204178	7.591	ng/u1	-0.02
15) 4-Methylphenol-d8	8.458	113	193343	6.910	ng/u1	-0.02
21) Nitrobenzene-d5	8.899	128	99308	7.525	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.616	143	97455	6.844	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.157	165	182916	7.002	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.663	131	275942	7.063	ng/u1	-0.01
46) Dimethylphthalate-d6	13.787	166	625351	8.062	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	725849	8.297	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	78256	5.080	ng/u1	0.00
60) Fluorene-d10	15.387	176	562234	8.607	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	49097	3.842	ng/u1	0.00
73) Anthracene-d10	17.292	188	863649	8.491	ng/u1	0.00
81) Pyrene-d10	19.663	212	1001831	8.893	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.763	264	921377	8.481	ng/u1	-0.01
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.181	93	886394	33.107	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.281	45	169886	6.150	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.546	70	109409	5.432	ng/u1	95
19) Hexachloroethane	8.828	117	254877	23.261	ng/u1	98
22) Nitrobenzene	8.940	77	305599	10.670	ng/u1	96
23) Isophorone	9.463	82	1769522	30.601	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.940	93	787222	21.855	ng/u1	100
33) Hexachlorobutadiene	10.869	225	241344	15.049	ng/u1	99
40) Hexachlorocyclopentadiene	12.551	237	507965	29.321	ng/u1	99
48) 2,6-Dinitrotoluene	13.957	165	236382	15.672	ng/u1	94
50) Acenaphthylene	14.098	152	837944	8.994	ng/u1	99
57) 2,4-Dinitrotoluene	14.751	165	729252	32.506	ng/u1	93
59) Diethylphthalate	15.222	149	1549426	20.038	ng/u1	99
61) Fluorene	15.451	166	578636	7.620	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.451	204	606193	16.127	ng/u1	97
69) Hexachlorobenzene	16.481	284	300773	10.621	ng/u1	96
72) Phenanthrene	17.239	178	886866	7.581	ng/u1	99
78) Di-n-butylphthalate	18.210	149	3137069	24.523	ng/u1	100
82) Pyrene	19.692	202	1231277	9.073	ng/u1	96
83) Butylbenzylphthalate	20.645	149	619211	10.596	ng/u1	95
85) Benzo(a)anthracene	21.610	228	1121326	8.110	ng/u1	99
87) Chrysene	21.674	228	1153289	9.053	ng/u1	99
89) Di-n-octyl phthalate	22.845	149	2375495	19.033	ng/u1	100
90) Benzo(b)fluoranthene	23.933	252	1043726	8.261	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(a)pyrene	24.833	252	680288	5.766	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.815	276	1223549m	8.001	ng/ul	99
95) Dibenzo(a,h)anthracene	28.904	278	878210	7.079	ng/ul	99

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

02/07/2025

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