

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
 Data File : BP023713.D
 Acq On : 24 Jan 2025 12:49
 Operator : RC/JU
 Sample : Q1148-04DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 XA173DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :mohammad ahmed 01/27/2025

Quant Time: Jan 24 23:02:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 23 00:03:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	598727	20.000	ng/u1	-0.04
20) Naphthalene-d8	10.540	136	2462794	20.000	ng/u1	-0.04
38) Acenaphthene-d10	14.404	164	1524950	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.222	188	3019372	20.000	ng/u1	0.01
79) Chrysene-d12	21.663	240	3334722	20.000	ng/u1	0.01
88) Perylene-d12	25.068	264	3428921	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	11622	0.782	ng/uL	-0.02
4) Pyridine-d5	3.699	84	15256	0.356	ng/u1	0.00
7) Phenol-d5	6.922	99	211222	4.169	ng/u1	-0.04
9) Bis-(2-Chloroethyl)eth...	7.087	67	128749	4.499	ng/u1	-0.04
11) 2-Chlorophenol-d4	7.293	132	174443	4.529	ng/u1	-0.04
15) 4-Methylphenol-d8	8.446	113	166586	4.182	ng/u1	-0.04
21) Nitrobenzene-d5	8.899	128	82866	4.466	ng/u1	-0.04
24) 2-Nitrophenol-d4	9.622	143	70775	4.160	ng/u1	-0.04
28) 2,4-Dichlorophenol-d3	10.157	165	195174	5.458	ng/u1	-0.04
31) 4-Chloroaniline-d4	10.669	131	224311	3.923	ng/u1	-0.03
46) Dimethylphthalate-d6	13.810	166	591862	5.397	ng/u1	-0.01
49) Acenaphthylene-d8	14.093	160	663616	5.228	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.598	143	100060	4.541	ng/u1	0.00
60) Fluorene-d10	15.422	176	541314	5.766	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	43801	2.946	ng/u1	0.00
73) Anthracene-d10	17.328	188	929992	6.416	ng/u1	0.02
81) Pyrene-d10	19.686	212	1098612	6.474	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.833	264	1090639	6.355	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.946	94	364479	6.875	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.181	93	1678814	40.708	ng/u1	100
12) 2-Chlorophenol	7.328	128	748382	18.330	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.552	70	1236203	41.764	ng/u1	98
19) Hexachloroethane	8.834	117	444887	26.661	ng/u1	99
22) Nitrobenzene	8.940	77	329925	7.610	ng/u1	99
23) Isophorone	9.469	82	2917895	35.387	ng/u1	99
25) 2-Nitrophenol	9.652	139	175595	8.792	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.952	93	2063754	38.625	ng/u1	100
29) 2,4-Dichlorophenol	10.181	162	810004	21.912	ng/u1	99
33) Hexachlorobutadiene	10.881	225	684950	29.436	ng/u1	98
35) 4-Chloro-3-methylphenol	11.816	107	334364	8.732	ng/u1	99
36) 2-Methylnaphthalene	12.210	142	993236	11.098	ng/u1	100
41) 2,4,6-Trichlorophenol	12.810	196	1076375	40.419	ng/u1	98
42) 2,4,5-Trichlorophenol	12.887	196	266627	9.065	ng/u1	99
48) 2,6-Dinitrotoluene	13.969	165	1060747	54.016	ng/u1	99
50) Acenaphthylene	14.122	152	563662	4.096	ng/u1	99
52) Acenaphthene	14.481	153	2377283	24.432	ng/u1	99
55) 4-Nitrophenol	14.610	109	356247	22.029	ng/u1	97
57) 2,4-Dinitrotoluene	14.769	165	1048903	35.701	ng/u1	100
61) Fluorene	15.481	166	4321361	38.747	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.481	204	674089	12.348	ng/u1	99
68) 4-Bromophenyl-phenylether	16.392	248	299331	9.260	ng/u1	97
69) Hexachlorobenzene	16.516	284	2064541	52.482	ng/u1	99

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71) Pentachlorophenol	16.857	266	1268807	53.396	ng/ul	99
72) Phenanthrene	17.263	178	1780145	10.435	ng/ul	99
74) Anthracene	17.363	178	1732632	10.225	ng/ul	99
78) Di-n-butylphthalate	18.239	149	7465490	44.080	ng/ul	100
80) Fluoranthene	19.345	202	7399787	38.353	ng/ul	98
82) Pyrene	19.716	202	3318460	15.836	ng/ul	99
83) Butylbenzylphthalate	20.680	149	765759	10.132	ng/ul	98
85) Benzo(a)anthracene	21.651	228	6508591	30.787	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.616	149	5436853	48.241	ng/ul	98
87) Chrysene	21.722	228	9467152	47.833	ng/ul	99
90) Benzo(b)fluoranthene	24.004	252	8888656	43.637	ng/ul	99
93) Benzo(a)pyrene	24.910	252	1663032	8.675	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.915	276	1738348m	7.295	ng/ul	
95) Dibenzo(a,h)anthracene	29.027	278	3674724m	18.984	ng/ul	
96) Benzo(g,h,i)perylene	30.121	276	1245428m	6.794	ng/ul	

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

