Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090925\
Data File : BP025696.D
Acq On : 09 Sep 2025 13:37
Operator : CG/JU
Sample : Q2899-05
Misc : MDL-ME-SOIL 4PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 09 17:33:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 09 09:26:50 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2025-05

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	131891	20.000	ng/ul	0.00
20) Naphthalene-d8	10.531	136	544821	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.384	164	394948	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.189	188	848035	20.000	ng/ul	0.01
79) Chrysene-d12	21.624	240	950978	20.000	ng/ul	0.00
88) Perylene-d12	24.977	264	998467	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.278	96	12839	3.983	ng/uL	0.00
4) Pyridine-d5	3.696	84	145764	15.604	ng/ul	0.00
7) Phenol-d5	6.955	99	150220	14.100	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.102	67	99794	15.320	ng/ul	0.00
11) 2-Chlorophenol-d4	7.313	132	126611	15.257	ng/ul	0.00
15) 4-Methylphenol-d8	8.472	113	120429	13.652	ng/ul	0.00
21) Nitrobenzene-d5	8.907	128	62400	14.889	ng/ul	0.00
24) 2-Nitrophenol-d4	9.625	143	69518	14.593	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.172	165	118480	13.801	ng/ul	0.01
31) 4-Chloroaniline-d4	10.672	131	169855	14.121	ng/ul	0.01
46) Dimethylphthalate-d6	13.790	166	452541	15.157	ng/ul	0.00
49) Acenaphthylene-d8	14.072	160	490979	14.975	ng/ul	0.00
54) 4-Nitrophenol-d4	14.631	143	51336	10.365	ng/ul	0.03
60) Fluorene-d10	15.395	176	389483	15.664	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.525	200	67378	11.669	ng/ul	0.00
73) Anthracene-d10	17.289	188	620814	15.212	ng/ul	0.00
81) Pyrene-d10	19.654	212	843817	16.213	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.742	264	804535	15.695	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	5837	1.713	ng/uL	88
5) Pyridine	3.719	79	43470	4.468	ng/ul	94
6) Benzaldehyde	6.925	77	28466	5.801	ng/ul	96
8) Phenol	6.984	94	42937	3.924	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.196	93	37629	4.358	ng/ul	98
12) 2-Chlorophenol	7.343	128	36186	4.271	ng/ul	94
13) 2-Methylphenol	8.213	108	31806	3.791	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.284	45	60891	4.448	ng/ul	98
16) Acetophenone	8.578	105	56295	4.125	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.560	70	29790	4.111	ng/ul	97
18) 4-Methylphenol	8.537	108	34329	3.775	ng/ul	96
19) Hexachloroethane	8.831	117	17766	4.678	ng/ul	91
22) Nitrobenzene	8.949	77	43913	4.329	ng/ul	97
23) Isophorone	9.478	82	84504	4.069	ng/ul	98
25) 2-Nitrophenol	9.660	139	20094	4.055	ng/ul	93
26) 2,4-Dimethylphenol	9.725	107	36474	3.590	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.943	93	49369	4.141	ng/ul	100
29) 2,4-Dichlorophenol	10.196	162	32427	3.885	ng/ul	95
30) Naphthalene	10.578	128	125012	4.388	ng/ul	98
32) 4-Chloroaniline	10.701	127	45933	3.831	ng/ul	99
33) Hexachlorobutadiene	10.860	225	27405	4.411	ng/ul	98
34) Caprolactam	11.490	113	14249	4.167	ng/ul	89
35) 4-Chloro-3-methylphenol	11.843	107	35692	3.635	ng/ul	98
36) 2-Methylnaphthalene	12.196	142	87708	4.311	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.419	142	87917	4.411	ng/ul	93
39)	1,2,4,5-Tetrachloroben...	12.566	216	47960	4.083	ng/ul	95
40)	Hexachlorocyclopentadiene	12.543	237	19769	3.311	ng/ul	99
41)	2,4,6-Trichlorophenol	12.819	196	27621	3.595	ng/ul	97
42)	2,4,5-Trichlorophenol	12.819	196	27654	3.284	ng/ul	98
43)	1,1'-Biphenyl	13.213	154	118394	4.276	ng/ul	99
44)	2-Chloronaphthalene	13.254	162	90449	4.150	ng/ul	98
45)	2-Nitroaniline	13.460	65	25677	3.713	ng/ul	94
47)	Dimethylphthalate	13.831	163	128693	4.394	ng/ul	99
48)	2,6-Dinitrotoluene	13.954	165	22269	3.753	ng/ul	95
50)	Acenaphthylene	14.107	152	158256	4.312	ng/ul	99
51)	3-Nitroaniline	14.307	138	20753	3.935	ng/ul	89
52)	Acenaphthene	14.448	153	102116	4.330	ng/ul	97
53)	2,4-Dinitrophenol	14.519	184	10096	2.769	ng/ul	91
55)	4-Nitrophenol	14.642	109	21778m	5.401	ng/ul	
56)	Dibenzofuran	14.795	168	146043	4.330	ng/ul	99
57)	2,4-Dinitrotoluene	14.766	165	34390	3.870	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.042	232	29957	4.057	ng/ul#	99
59)	Diethylphthalate	15.219	149	129797	4.310	ng/ul	98
61)	Fluorene	15.454	166	122356	4.442	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.448	204	64755	4.592	ng/ul	94
63)	4-Nitroaniline	15.489	138	20825	4.004	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.542	198	21600	3.694	ng/ul#	97
67)	N-Nitrosodiphenylamine	15.660	169	105511	4.302	ng/ul	98
68)	4-Bromophenyl-phenylether	16.360	248	38049	4.209	ng/ul	98
69)	Hexachlorobenzene	16.478	284	43970	4.243	ng/ul	98
70)	Atrazine	16.642	200	51629	5.131	ng/ul	96
71)	Pentachlorophenol	16.848	266	28112	4.240	ng/ul	98
72)	Phenanthrene	17.231	178	206691	4.442	ng/ul	99
74)	Anthracene	17.325	178	203445	4.312	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.178	216	50474	4.038	ng/uL	98
76)	Pentachlorobenzene	14.713	250	53015	4.345	ng/uL	97
77)	Carbazole	17.619	167	172299	4.063	ng/ul	98
78)	Di-n-butylphthalate	18.189	149	252084	4.625	ng/ul	100
80)	Fluoranthene	19.307	202	273588	4.618	ng/ul	99
82)	Pyrene	19.683	202	296781	4.792	ng/ul	99
83)	Butylbenzylphthalate	20.630	149	112823	4.089	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.524	252	79455	3.898	ng/ul	97
85)	Benzo(a)anthracene	21.601	228	276355	4.363	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.530	149	176349	4.349	ng/ul	99
87)	Chrysene	21.671	228	262800	4.408	ng/ul	99
89)	Di-n-octyl phthalate	22.801	149	289242	4.293	ng/ul	100
90)	Benzo(b)fluoranthene	23.907	252	255304	4.368	ng/ul	99
91)	Benzo(k)fluoranthene	23.977	252	266757	4.499	ng/ul	98
93)	Benzo(a)pyrene	24.813	252	246545	4.390	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	28.806	276	301371m	4.289	ng/ul	
95)	Dibenzo(a,h)anthracene	28.877	278	246332	4.327	ng/ul	97
96)	Benzo(g,h,i)perylene	29.977	276	249621m	4.382	ng/ul	

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

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