

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101725\
 Data File : BN038090.D
 Acq On : 17 Oct 2025 09:55
 Operator : RC/JU
 Sample : SSTD00547
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005245

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 14:50:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101725.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 17 14:30:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	280886	20.00	ng/ul	0.00
20) Naphthalene-d8	10.587	136	1153114	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	707656	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1258563	20.00	ng/ul	0.00
79) Chrysene-d12	21.445	240	1200096	20.00	ng/ul	0.00
88) Perylene-d12	24.504	264	1211547	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	13769	2.08	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	0.000	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.311	132	81866	4.76	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	8.940	128	38875	4.50	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	36106	4.92	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	76368	4.71	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.851	166	241714	5.11	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	271187	4.63	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.440	176	205385	4.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.292	188	301701	4.84	ng/ul	0.00
81) Pyrene-d10	19.592	212	295106	4.79	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.286	264	263961	4.31	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	14303	2.04	ng/uL	94
12) 2-Chlorophenol	7.346	128	88927	4.93	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.593	70	66418	5.45	ng/ul	94
19) Hexachloroethane	8.869	117	41141	5.29	ng/ul	95
22) Nitrobenzene	8.981	77	97383	4.86	ng/ul	97
23) Isophorone	9.510	82	176916	5.08	ng/ul	97
25) 2-Nitrophenol	9.699	139	43539	5.06	ng/ul	97
26) 2,4-Dimethylphenol	9.757	107	95709	4.97	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.999	93	120384	5.18	ng/ul	99
29) 2,4-Dichlorophenol	10.234	162	79891	4.82	ng/ul	98
30) Naphthalene	10.640	128	311002	5.03	ng/ul	99
33) Hexachlorobutadiene	10.934	225	54990	4.78	ng/ul	94
35) 4-Chloro-3-methylphenol	11.875	107	77998	4.94	ng/ul	99
36) 2-Methylnaphthalene	12.257	142	210621	5.17	ng/ul	96
37) 1-Methylnaphthalene	12.481	142	202766	5.05	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.628	216	101208	4.65	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	57602	4.83	ng/ul	95
42) 2,4,5-Trichlorophenol	12.934	196	66771	4.84	ng/ul	96
43) 1,1'-Biphenyl	13.275	154	270188	4.98	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	206859	4.86	ng/ul	99
45) 2-Nitroaniline	13.516	65	43764	4.42	ng/ul	96
47) Dimethylphthalate	13.898	163	239576	5.04	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	36788	4.31	ng/ul#	90
50) Acenaphthylene	14.163	152	329000	4.81	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.510	153	220746	4.94	ng/ul	98
56) Dibenzofuran	14.845	168	306061	5.02	ng/ul	98
57) 2,4-Dinitrotoluene	14.804	165	55370	4.52	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.075	232	50089	5.06	ng/ul	98
59) Diethylphthalate	15.269	149	235351	5.18	ng/ul	97
61) Fluorene	15.498	166	248982	5.05	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.492	204	116350	4.91	ng/ul	94
67) N-Nitrosodiphenylamine	15.704	169	193719	4.80	ng/ul	97
68) 4-Bromophenyl-phenylether	16.387	248	68203	4.86	ng/ul	91
69) Hexachlorobenzene	16.504	284	89405	5.14	ng/ul	100
72) Phenanthrene	17.239	178	368792	5.05	ng/ul	98
74) Anthracene	17.328	178	361907	4.88	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	98637	4.55	ng/uL	95
76) Pentachlorobenzene	14.769	250	106555	5.02	ng/uL	96
78) Di-n-butylphthalate	18.175	149	331008	4.84	ng/ul	99
80) Fluoranthene	19.257	202	366188	5.05	ng/ul	97
82) Pyrene	19.622	202	397883	5.12	ng/ul	98
83) Butylbenzylphthalate	20.527	149	123021	5.28	ng/ul	98
85) Benzo(a)anthracene	21.433	228	366194	4.82	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.363	149	180736	5.15	ng/ul	99
87) Chrysene	21.492	228	349965	4.80	ng/ul	96
90) Benzo(b)fluoranthene	23.533	252	341315	4.74	ng/ul	96
91) Benzo(k)fluoranthene	23.598	252	345652	4.73	ng/ul	99
93) Benzo(a)pyrene	24.357	252	307345	4.47	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.933	276	385965m	4.34	ng/ul	
95) Dibenzo(a,h)anthracene	28.009	278	321838	4.36	ng/ul	98
96) Benzo(g,h,i)perylene	29.015	276	310987	4.27	ng/ul	99

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

