

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060225\
 Data File : BP024840.D
 Acq On : 02 Jun 2025 14:04
 Operator : RC/JU
 Sample : SSTD00591
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005625

Quant Time: Jun 02 17:01:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 02 16:42:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/03/2025
 Supervised By :Jagrut Upadhyay 06/03/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	207558	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	899161	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.286	164	601309	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1193732	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	1291165	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1485976	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	9904	1.922	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.210	132	59348	4.298	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.804	128	28236	3.969	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	31662	4.181	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	51243	3.846	ng/u1	0.03
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.698	166	220948	5.090	ng/u1	0.00
49) Acenaphthylene-d8	13.980	160	239555	4.805	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.298	176	174226	4.793	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.192	188	284101	4.957	ng/u1	0.00
81) Pyrene-d10	19.574	212	322730	5.024	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.580	264	349940	4.625	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.210	88	11438	2.105	ng/uL#	90
12) 2-Chlorophenol	7.240	128	60736	4.234	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.451	70	51696	4.869	ng/u1	97
19) Hexachloroethane	8.710	117	28478	4.868	ng/u1	97
22) Nitrobenzene	8.845	77	69115	4.303	ng/u1	94
23) Isophorone	9.369	82	151091	4.893	ng/u1	99
25) 2-Nitrophenol	9.557	139	34099	4.103	ng/u1	97
26) 2,4-Dimethylphenol	9.639	107	66560	4.426	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.851	93	81019	4.217	ng/u1	99
29) 2,4-Dichlorophenol	10.133	162	51762	3.789	ng/u1	97
30) Naphthalene	10.475	128	226326	4.739	ng/u1	99
33) Hexachlorobutadiene	10.745	225	43477	5.077	ng/u1	98
35) 4-Chloro-3-methylphenol	11.775	107	62703	4.323	ng/u1	100
36) 2-Methylnaphthalene	12.092	142	157554	4.828	ng/u1	98
37) 1-Methylnaphthalene	12.310	142	157913	4.883	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	80352	4.531	ng/u1	98
41) 2,4,6-Trichlorophenol	12.739	196	46588m	4.165	ng/u1	
42) 2,4,5-Trichlorophenol	12.845	196	45885	3.798	ng/u1	96
43) 1,1'-Biphenyl	13.110	154	200253	4.471	ng/u1	99
44) 2-Chloronaphthalene	13.151	162	155732	4.484	ng/u1	99
45) 2-Nitroaniline	13.392	65	39060	4.196	ng/u1	88
47) Dimethylphthalate	13.745	163	216111	5.001	ng/u1	99
48) 2,6-Dinitrotoluene	13.880	165	39669	4.638	ng/u1	99
50) Acenaphthylene	14.010	152	247539	4.618	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.351	153	182062	4.790	ng/ul	99
56) Dibenzofuran	14.698	168	242597	4.667	ng/ul	97
57) 2,4-Dinitrotoluene	14.686	165	56634	4.456	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	14.957	232	44148	4.387	ng/ul#	98
59) Diethylphthalate	15.127	149	223098	5.171	ng/ul	99
61) Fluorene	15.357	166	199755	4.703	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.351	204	97844	4.731	ng/ul	98
67) N-Nitrosodiphenylamine	15.574	169	171373	4.773	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	64194	4.931	ng/ul	97
69) Hexachlorobenzene	16.374	284	77513	4.884	ng/ul	99
72) Phenanthrene	17.133	178	322251	4.805	ng/ul	100
74) Anthracene	17.227	178	330291	4.889	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.075	216	82000	4.631	ng/uL	97
76) Pentachlorobenzene	14.616	250	85292	4.609	ng/uL	98
78) Di-n-butylphthalate	18.092	149	366200	4.987	ng/ul	100
80) Fluoranthene	19.227	202	374450	5.007	ng/ul	99
82) Pyrene	19.604	202	405207	5.031	ng/ul	99
83) Butylbenzylphthalate	20.539	149	172401	5.143	ng/ul	98
85) Benzo(a)anthracene	21.503	228	383693	4.614	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	258027	5.155	ng/ul	98
87) Chrysene	21.568	228	372198	4.767	ng/ul	98
90) Benzo(b)fluoranthene	23.768	252	400067	4.629	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	400071	4.548	ng/ul	98
93) Benzo(a)pyrene	24.639	252	372719	4.565	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.538	276	497681m	4.637	ng/ul	
95) Dibenzo(a,h)anthracene	28.621	278	396429m	4.584	ng/ul	
96) Benzo(g,h,i)perylene	29.697	276	397979m	4.737	ng/ul	

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

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