

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022825\
 Data File : BN036518.D
 Acq On : 28 Feb 2025 16:22
 Operator : RC/JU
 Sample : SST02013
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST020205

Quant Time: Mar 03 09:13:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 03 08:48:44 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	64715	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	304444	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	218989	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	458073	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	474770	20.000	ng/ul	0.00
88) Perylene-d12	24.315	264	515838	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	14742	9.195	ng/uL	0.00
4) Pyridine-d5	3.616	84	112387	24.141	ng/ul	0.00
7) Phenol-d5	6.899	99	131604	23.850	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.057	67	97478	26.641	ng/ul	0.00
11) 2-Chlorophenol-d4	7.257	132	95634	22.570	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	109987	24.638	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	54489	22.157	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	57276	20.842	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	105191	21.205	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	158103	23.500	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	363505	22.097	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	411442	22.386	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	69538	23.857	ng/ul	0.00
60) Fluorene-d10	15.363	176	306997	22.234	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	64072	21.063	ng/ul	0.00
73) Anthracene-d10	17.210	188	493009	22.042	ng/ul	0.00
81) Pyrene-d10	19.504	212	564712	20.361	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.110	264	575245	21.336	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	17216	9.806	ng/uL	100
5) Pyridine	3.634	79	117726	24.669	ng/ul	100
6) Benzaldehyde	6.869	77	99476	29.702	ng/ul	100
8) Phenol	6.928	94	144142	25.029	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.152	93	115457	25.320	ng/ul	100
12) 2-Chlorophenol	7.293	128	101489	23.299	ng/ul	100
13) 2-Methylphenol	8.169	108	102734	24.297	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.246	45	224842	30.331	ng/ul	100
16) Acetophenone	8.546	105	193589	26.126	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.534	70	110700	27.761	ng/ul	100
18) 4-Methylphenol	8.499	108	118928	25.495	ng/ul	100
19) Hexachloroethane	8.804	117	47422	23.467	ng/ul	100
22) Nitrobenzene	8.922	77	160514	23.313	ng/ul	100
23) Isophorone	9.451	82	302870	24.511	ng/ul	100
25) 2-Nitrophenol	9.628	139	63172	21.370	ng/ul	100
26) 2,4-Dimethylphenol	9.693	107	135857	22.356	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.928	93	170446	23.700	ng/ul	100
29) 2,4-Dichlorophenol	10.163	162	103379	20.756	ng/ul	100
30) Naphthalene	10.563	128	373457	22.532	ng/ul	100
32) 4-Chloroaniline	10.675	127	152538	23.541	ng/ul	100
33) Hexachlorobutadiene	10.857	225	68497	19.194	ng/ul	100
34) Caprolactam	11.451	113	42820m	25.204	ng/ul	100
35) 4-Chloro-3-methylphenol	11.810	107	138859	23.531	ng/ul	100
36) 2-Methylnaphthalene	12.181	142	261908	22.530	ng/ul	100

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37) 1-Methylnaphthalene	12.404	142	259533	22.708	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.551	216	134179	19.688	ng/ul	100
40) Hexachlorocyclopentadiene	12.534	237	79030	20.365	ng/ul	100
41) 2,4,6-Trichlorophenol	12.798	196	88843	20.161	ng/ul	100
42) 2,4,5-Trichlorophenol	12.869	196	99041	20.683	ng/ul	100
43) 1,1'-Biphenyl	13.198	154	354997	21.852	ng/ul	100
44) 2-Chloronaphthalene	13.240	162	276830	21.592	ng/ul	100
45) 2-Nitroaniline	13.445	65	113063	25.012	ng/ul	100
47) Dimethylphthalate	13.828	163	363285	21.939	ng/ul	100
48) 2,6-Dinitrotoluene	13.945	165	72190	22.143	ng/ul	100
50) Acenaphthylene	14.087	152	441312	22.612	ng/ul	100
51) 3-Nitroaniline	14.275	138	77097	23.456	ng/ul	100
52) Acenaphthene	14.434	153	309974	22.102	ng/ul	100
53) 2,4-Dinitrophenol	14.481	184	43780	21.040	ng/ul	100
55) 4-Nitrophenol	14.586	109	71430	23.206	ng/ul	100
56) Dibenzofuran	14.769	168	433916	22.311	ng/ul	100
57) 2,4-Dinitrotoluene	14.734	165	112113	22.858	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.998	232	82118	20.498	ng/ul	100
59) Diethylphthalate	15.198	149	380229	22.224	ng/ul	100
61) Fluorene	15.416	166	357389	22.668	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.416	204	172580	21.426	ng/ul	100
63) 4-Nitroaniline	15.434	138	82352	25.380	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.498	198	72375	22.155	ng/ul	100
67) N-Nitrosodiphenylamine	15.628	169	305078	21.920	ng/ul	100
68) 4-Bromophenyl-phenylether	16.310	248	94988	19.863	ng/ul	100
69) Hexachlorobenzene	16.422	284	105334	20.011	ng/ul	100
70) Atrazine	16.581	200	120805	22.103	ng/ul	100
71) Pentachlorophenol	16.769	266	72354	19.989	ng/ul	100
72) Phenanthrene	17.157	178	581436	22.379	ng/ul	100
74) Anthracene	17.245	178	595909	22.735	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.163	216	137111	19.738	ng/uL	100
76) Pentachlorobenzene	14.692	250	135047	19.815	ng/uL	100
77) Carbazole	17.516	167	535509	23.354	ng/ul	100
78) Di-n-butylphthalate	18.086	149	658975	21.781	ng/ul	100
80) Fluoranthene	19.174	202	678509	20.769	ng/ul	100
82) Pyrene	19.533	202	732113	21.093	ng/ul	100
83) Butylbenzylphthalate	20.439	149	300305	20.328	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.257	252	202840	23.881	ng/ul	100
85) Benzo(a)anthracene	21.333	228	707609	21.711	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.263	149	431804	20.302	ng/ul	100
87) Chrysene	21.392	228	689376	22.141	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	724050	17.977	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	692679	20.615	ng/ul	100
91) Benzo(k)fluoranthene	23.439	252	693414	20.634	ng/ul	100
93) Benzo(a)pyrene	24.174	252	657649	21.991	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.656	276	806229	23.877	ng/ul	100
95) Dibenzo(a,h)anthracene	27.715	278	639711	23.825	ng/ul	100
96) Benzo(g,h,i)perylene	28.698	276	629762	24.412	ng/ul	100

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

