

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
 Data File : BN034419.D
 Acq On : 05 Oct 2024 11:43
 Operator : RC/JU
 Sample : P4218-03MSD 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1H08MSD

Quant Time: Oct 06 05:06:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	237003	20.000	ng/u1	0.00
20) Naphthalene-d8	10.134	136	887218	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.034	164	519921	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.786	188	1033013	20.000	ng/u1	-0.01
79) Chrysene-d12	21.027	240	976877	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1186856	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	27581	4.749	ng/uL	0.00
4) Pyridine-d5	3.393	84	138351	8.014	ng/u1	0.00
7) Phenol-d5	6.581	99	204730	9.733	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	367748	28.179	ng/u1	0.00
11) 2-Chlorophenol-d4	6.922	132	501502	30.290	ng/u1	0.00
15) 4-Methylphenol-d8	8.099	113	338521	19.559	ng/u1	0.00
21) Nitrobenzene-d5	8.522	128	250459	35.417	ng/u1	0.00
24) 2-Nitrophenol-d4	9.234	143	279084	38.379	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	483177	35.281	ng/u1	0.00
31) 4-Chloroaniline-d4	10.281	131	550234	26.539	ng/u1	-0.01
46) Dimethylphthalate-d6	13.457	166	1369662	35.250	ng/u1	-0.01
49) Acenaphthylene-d8	13.716	160	1523230	34.847	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.269	143	84509	10.598	ng/u1	0.00
60) Fluorene-d10	15.034	176	1154824	35.069	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.175	200	230061	37.352	ng/u1	0.00
73) Anthracene-d10	16.886	188	1726912	35.558	ng/u1	-0.01
81) Pyrene-d10	19.198	212	2001044	36.764	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.551	264	2326638	38.163	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.034	88	34976	5.709	ng/uL#	1
5) Pyridine	3.411	79	149516	8.464	ng/u1	89
6) Benzaldehyde	6.540	77	329004	29.632	ng/u1	92
8) Phenol	6.605	94	222715	10.170	ng/u1	95
10) Bis(2-Chloroethyl)ether	6.828	93	501791	29.481	ng/u1	94
12) 2-Chlorophenol	6.952	128	505182	29.773	ng/u1	94
13) 2-Methylphenol	7.834	108	375793	22.959	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	7.905	45	640224	25.505	ng/u1	95
16) Acetophenone	8.199	105	759916	27.717	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.187	70	347493	25.595	ng/u1	92
18) 4-Methylphenol	8.157	108	363585	19.959	ng/u1	99
19) Hexachloroethane	8.434	117	199915	27.935	ng/u1#	84
22) Nitrobenzene	8.563	77	539366	30.473	ng/u1	93
23) Isophorone	9.087	82	970698	29.739	ng/u1	96
25) 2-Nitrophenol	9.263	139	297703	36.580	ng/u1	93
26) 2,4-Dimethylphenol	9.346	107	397320	23.730	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.575	93	649534	32.342	ng/u1	98
29) 2,4-Dichlorophenol	9.799	162	483217	34.848	ng/u1	95
30) Naphthalene	10.181	128	1590977	32.784	ng/u1	100
32) 4-Chloroaniline	10.304	127	449081	21.980	ng/u1	98
33) Hexachlorobutadiene	10.475	225	303658	34.134	ng/u1	97
34) Caprolactam	11.093	113	22510	4.077	ng/u1	88
35) 4-Chloro-3-methylphenol	11.445	107	466839	28.597	ng/u1	93
36) 2-Methylnaphthalene	11.810	142	1094042	32.728	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.034	142	1078844	31.883	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.187	216	575839	38.364	ng/ul	98
40) Hexachlorocyclopentadiene	12.169	237	259684	28.119	ng/ul	99
41) 2,4,6-Trichlorophenol	12.445	196	378549	38.043	ng/ul	97
42) 2,4,5-Trichlorophenol	12.516	196	414810	37.952	ng/ul	99
43) 1,1'-Biphenyl	12.851	154	1366616	34.865	ng/ul	99
44) 2-Chloronaphthalene	12.887	162	1056157	34.587	ng/ul	99
45) 2-Nitroaniline	13.110	65	300908	30.495	ng/ul#	84
47) Dimethylphthalate	13.510	163	1377994	34.797	ng/ul	99
48) 2,6-Dinitrotoluene	13.622	165	289990	37.189	ng/ul	90
50) Acenaphthylene	13.745	152	1662824	34.765	ng/ul	100
51) 3-Nitroaniline	13.951	138	282335	32.763	ng/ul	91
52) Acenaphthene	14.098	153	1147643	33.608	ng/ul	97
53) 2,4-Dinitrophenol	14.163	184	156421	34.104	ng/ul#	85
55) 4-Nitrophenol	14.281	109	64116	9.468	ng/ul	87
56) Dibenzofuran	14.439	168	1612577	34.533	ng/ul	95
57) 2,4-Dinitrotoluene	14.422	165	409058	34.796	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.669	232	354861	39.126	ng/ul	94
59) Diethylphthalate	14.892	149	1388846	33.562	ng/ul	96
61) Fluorene	15.092	166	1291459	33.808	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.098	204	638158	34.466	ng/ul	97
63) 4-Nitroaniline	15.128	138	289327	32.627	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.186	198	250813	36.671	ng/ul	96
67) N-Nitrosodiphenylamine	15.316	169	1131983	36.569	ng/ul	99
68) 4-Bromophenyl-phenylether	15.992	248	407922	38.887	ng/ul	95
69) Hexachlorobenzene	16.098	284	490742	40.306	ng/ul	93
70) Atrazine	16.286	200	312334	27.848	ng/ul	96
71) Pentachlorophenol	16.445	266	349623	43.115	ng/ul	92
72) Phenanthrene	16.833	178	2052799	36.039	ng/ul	100
74) Anthracene	16.922	178	2030744	34.915	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	549351	38.211	ng/uL	96
76) Pentachlorobenzene	14.357	250	556956	38.047	ng/uL	98
77) Carbazole	17.204	167	1896860	35.434	ng/ul	99
78) Di-n-butylphthalate	17.786	149	2476051	36.386	ng/ul	99
80) Fluoranthene	18.863	202	2396866	37.668	ng/ul	98
82) Pyrene	19.227	202	2522328	36.874	ng/ul	97
83) Butylbenzylphthalate	20.169	149	1102168	35.929	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.951	252	822437	37.481	ng/ul	98
85) Benzo(a)anthracene	21.010	228	2479669	35.602	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.974	149	1698163	37.820	ng/ul#	98
87) Chrysene	21.069	228	2391145	35.980	ng/ul	97
89) Di-n-octyl phthalate	22.010	149	2866185	36.293	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	2653249	36.666	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	2641695	37.006	ng/ul	99
93) Benzo(a)pyrene	23.610	252	2405607	35.192	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.727	276	3397632	40.115	ng/ul	97
95) Dibenzo(a,h)anthracene	26.780	278	2714458	39.649	ng/ul	97
96) Benzo(g,h,i)perylene	27.651	276	2653033	40.350	ng/ul	97

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

