

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031341.D
 Acq On : 01 May 2024 05:48
 Operator : MA/JU
 Sample : P2203-21MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CX4MS

Quant Time: May 01 08:35:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 05:16:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	239168	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1082819	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	713358	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	1440404	20.000	ng/u1	0.00
79) Chrysene-d12	21.257	240	1003072	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1038868	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	36603	7.125	ng/uL	0.00
4) Pyridine-d5	3.534	84	408381	27.761	ng/u1	0.00
7) Phenol-d5	6.793	99	550224	28.589	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.957	67	362059	32.130	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	374186	24.303	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	482715	30.267	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	270464	34.658	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	116794	13.906	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	276922	17.755	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	714256	31.601	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1582503	33.649	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	1876802	34.394	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	0.00
60) Fluorene-d10	15.263	176	1381188	34.392	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	0.00
73) Anthracene-d10	17.116	188	2024545	34.057	ng/u1	0.00
81) Pyrene-d10	19.422	212	2173993	35.587	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1602941	33.328	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	64449	11.527	ng/uL	92
5) Pyridine	3.552	79	526794	35.647	ng/u1	99
6) Benzaldehyde	6.769	77	414104	42.855	ng/u1	96
8) Phenol	6.822	94	786276	40.197	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.052	93	580392	36.653	ng/u1	96
12) 2-Chlorophenol	7.181	128	637872	39.846	ng/u1	98
13) 2-Methylphenol	8.057	108	570967	37.585	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.134	45	759268	36.338	ng/u1	100
16) Acetophenone	8.440	105	930531	39.241	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.428	70	458616	36.836	ng/u1	100
18) 4-Methylphenol	8.393	108	652699	39.254	ng/u1	99
19) Hexachloroethane	8.675	117	255477	39.442	ng/u1	98
22) Nitrobenzene	8.816	77	700904	38.277	ng/u1	97
23) Isophorone	9.334	82	1363092	38.147	ng/u1	100
25) 2-Nitrophenol	9.516	139	383187	41.821	ng/u1	98
26) 2,4-Dimethylphenol	9.581	107	443681	25.760	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	822043	36.575	ng/u1	100
29) 2,4-Dichlorophenol	10.046	162	636371	41.329	ng/u1	98
30) Naphthalene	10.446	128	2293501	43.102	ng/u1	99
32) 4-Chloroaniline	10.563	127	756240	34.945	ng/u1	97
33) Hexachlorobutadiene	10.716	225	377404	41.464	ng/u1	99
34) Caprolactam	11.363	113	233349	42.425	ng/u1	98
35) 4-Chloro-3-methylphenol	11.698	107	713221	40.327	ng/u1	99
36) 2-Methylnaphthalene	12.063	142	1524149	41.312	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	1507752	40.401	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	745408	40.486	ng/ul	99
40) Hexachlorocyclopentadiene	12.404	237	222124	21.553	ng/ul	96
41) 2,4,6-Trichlorophenol	12.687	196	516988	40.844	ng/ul	95
42) 2,4,5-Trichlorophenol	12.757	196	572345	41.461	ng/ul	95
43) 1,1'-Biphenyl	13.092	154	1930731	39.848	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	1491957	38.990	ng/ul	99
45) 2-Nitroaniline	13.351	65	455652	42.039	ng/ul	98
47) Dimethylphthalate	13.734	163	1802000	37.396	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	394835	41.993	ng/ul	99
50) Acenaphthylene	13.986	152	2385781	38.420	ng/ul	99
51) 3-Nitroaniline	14.187	138	433037	42.764	ng/ul	97
52) Acenaphthene	14.328	153	1710742	41.530	ng/ul	96
53) 2,4-Dinitrophenol	14.392	184	86189	16.040	ng/ul	89
55) 4-Nitrophenol	14.498	109	289561	42.375	ng/ul	97
56) Dibenzofuran	14.663	168	2325392	41.571	ng/ul	95
57) 2,4-Dinitrotoluene	14.645	165	579813	42.047	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.892	232	466065	40.392	ng/ul	94
59) Diethylphthalate	15.104	149	1890307	38.922	ng/ul	99
61) Fluorene	15.322	166	1871617	41.968	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.316	204	806572	37.492	ng/ul	97
63) 4-Nitroaniline	15.357	138	423807	45.707	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.404	198	199009	25.064	ng/ul	97
67) N-Nitrosodiphenylamine	15.533	169	1563725	40.859	ng/ul	97
68) 4-Bromophenyl-phenylether	16.210	248	541166	40.160	ng/ul	97
69) Hexachlorobenzene	16.316	284	623474	40.122	ng/ul	97
70) Atrazine	16.492	200	537696	43.253	ng/ul	94
71) Pentachlorophenol	16.669	266	358976	38.154	ng/ul	95
72) Phenanthrene	17.057	178	3767957	52.859	ng/ul	99
74) Anthracene	17.151	178	2986477	41.894	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.051	216	748384	41.019	ng/uL	100
76) Pentachlorobenzene	14.581	250	720045	40.242	ng/uL	99
77) Carbazole	17.427	167	2686156	43.142	ng/ul	98
78) Di-n-butylphthalate	17.992	149	3334946	41.332	ng/ul	100
80) Fluoranthene	19.086	202	3864637	52.771	ng/ul	100
82) Pyrene	19.451	202	3634325	48.647	ng/ul	99
83) Butylbenzylphthalate	20.363	149	1418424	45.445	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.168	252	684356	38.131	ng/ul	100
85) Benzo(a)anthracene	21.233	228	2866672	43.791	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	1864538	45.404	ng/ul	99
87) Chrysene	21.298	228	2671159	43.551	ng/ul	98
89) Di-n-octyl phthalate	22.257	149	3154828	40.986	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	2573491	40.877	ng/ul	97
91) Benzo(k)fluoranthene	23.298	252	2347847	37.921	ng/ul	99
93) Benzo(a)pyrene	24.009	252	2071567	36.789	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.386	276	2764353	43.327	ng/ul	98
95) Dibenzo(a,h)anthracene	27.445	278	2172231	40.985	ng/ul	99
96) Benzo(g,h,i)perylene	28.403	276	2139659	41.576	ng/ul	96

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

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