

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034645.D
 Acq On : 18 Oct 2024 11:04
 Operator : RC/JU
 Sample : P4380-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E27H4MS

Quant Time: Oct 18 22:54:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	347957	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1347468	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	674994	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1139668	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	1018587	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1274777	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	36402	4.186	ng/uL	0.00
4) Pyridine-d5	3.605	84	151901	5.983	ng/u1	0.00
7) Phenol-d5	6.834	99	247489	8.667	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	568477	32.273	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	679738	30.814	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	433314	19.471	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	348992	37.218	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	333117	44.955	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	605765	35.468	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	400152	13.657	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1419127	33.233	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1822028	34.351	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	81771	10.279	ng/u1	0.00
60) Fluorene-d10	15.292	176	1259708	34.107	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	149206	39.058	ng/u1	0.00
73) Anthracene-d10	17.139	188	1775888	36.452	ng/u1	0.00
81) Pyrene-d10	19.433	212	1940727	37.108	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	2195722	37.382	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	50960	5.454	ng/uL	97
5) Pyridine	3.622	79	214381	8.297	ng/u1	99
6) Benzaldehyde	6.810	77	474273	28.295	ng/u1	98
8) Phenol	6.863	94	315562	10.583	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.099	93	796090	33.858	ng/u1	98
12) 2-Chlorophenol	7.234	128	736711	31.979	ng/u1	97
13) 2-Methylphenol	8.104	108	535223	24.315	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.193	45	1160543	32.766	ng/u1	99
16) Acetophenone	8.481	105	1140498	32.093	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.475	70	542382	31.340	ng/u1	96
18) 4-Methylphenol	8.434	108	505122	21.167	ng/u1	100
19) Hexachloroethane	8.740	117	334820	34.855	ng/u1	97
22) Nitrobenzene	8.851	77	855730	38.152	ng/u1	98
23) Isophorone	9.381	82	1494124	33.697	ng/u1	99
25) 2-Nitrophenol	9.557	139	391268	44.902	ng/u1	97
26) 2,4-Dimethylphenol	9.628	107	711300	32.710	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	963844	35.241	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	624811	36.159	ng/u1	98
30) Naphthalene	10.493	128	2367898	34.960	ng/u1	99
32) 4-Chloroaniline	10.593	127	451310	16.245	ng/u1	99
33) Hexachlorobutadiene	10.787	225	373988	36.010	ng/u1	95
34) Caprolactam	11.375	113	27588	4.095	ng/u1	96
35) 4-Chloro-3-methylphenol	11.722	107	618960	32.039	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	1478144	33.144	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1467423	32.323	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	658667	39.711	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	295029	33.486	ng/ul	99
41) 2,4,6-Trichlorophenol	12.722	196	418501	43.457	ng/ul	95
42) 2,4,5-Trichlorophenol	12.787	196	446626	41.853	ng/ul	100
43) 1,1'-Biphenyl	13.134	154	1773984	38.271	ng/ul	100
44) 2-Chloronaphthalene	13.169	162	1382109	38.148	ng/ul	99
45) 2-Nitroaniline	13.363	65	408821	43.016	ng/ul	98
47) Dimethylphthalate	13.769	163	1508296	35.165	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	324901	43.729	ng/ul	92
50) Acenaphthylene	14.016	152	2113767	36.778	ng/ul	98
51) 3-Nitroaniline	14.198	138	289057	30.480	ng/ul#	88
52) Acenaphthene	14.363	153	1454204	36.418	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	106030	36.582	ng/ul	98
55) 4-Nitrophenol	14.504	109	66477	11.412	ng/ul	97
56) Dibenzofuran	14.698	168	1897827	35.767	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	439945	41.518	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.922	232	320555	41.908	ng/ul	98
59) Diethylphthalate	15.145	149	1552952	35.686	ng/ul	97
61) Fluorene	15.351	166	1518974	35.527	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.357	204	672545	35.042	ng/ul	97
63) 4-Nitroaniline	15.363	138	331692	35.105	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.422	198	175414	39.691	ng/ul#	91
67) N-Nitrosodiphenylamine	15.563	169	1266343	39.430	ng/ul	97
68) 4-Bromophenyl-phenylether	16.245	248	396153	39.928	ng/ul	99
69) Hexachlorobenzene	16.351	284	448944	39.406	ng/ul	96
70) Atrazine	16.528	200	232954	21.653	ng/ul	98
71) Pentachlorophenol	16.692	266	268222	43.927	ng/ul	97
72) Phenanthrene	17.086	178	2217468	38.982	ng/ul	99
74) Anthracene	17.175	178	2241987	38.144	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	614994	43.098	ng/ul	96
76) Pentachlorobenzene	14.622	250	545201	39.924	ng/ul	99
77) Carbazole	17.439	167	2124586	39.036	ng/ul	99
78) Di-n-butylphthalate	18.039	149	2520599	39.803	ng/ul	99
80) Fluoranthene	19.104	202	2365233	37.697	ng/ul	100
82) Pyrene	19.463	202	2569128	38.439	ng/ul	100
83) Butylbenzylphthalate	20.392	149	1160210	46.825	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.180	252	157403	7.682	ng/ul	96
85) Benzo(a)anthracene	21.251	228	2557634	39.522	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1692345	43.530	ng/ul	100
87) Chrysene	21.310	228	2401540	39.097	ng/ul	96
89) Di-n-octyl phthalate	22.333	149	3068230	41.412	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2651702	38.711	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	2697929	38.543	ng/ul	97
93) Benzo(a)pyrene	24.027	252	2487471	37.507	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.398	276	3359823	40.606	ng/ul	98
95) Dibenzo(a,h)anthracene	27.456	278	2741142	40.767	ng/ul	99
96) Benzo(g,h,i)perylene	28.398	276	2586998	40.281	ng/ul	97

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

