

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033124\
 Data File : BN030560.D
 Acq On : 30 Mar 2024 22:01
 Operator : MA/JU
 Sample : P1931-07MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E07C8MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2024
 Supervised By :mohammad ahmed 04/02/2024

Quant Time: Apr 01 05:15:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	213311	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	949127	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.346	164	623262	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1316837	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	1241491	20.000	ng/u1	0.00
88) Perylene-d12	24.280	264	1326720	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	24410	5.365	ng/uL	0.00
4) Pyridine-d5	3.599	84	300911	22.059	ng/u1	0.00
7) Phenol-d5	6.869	99	488362	28.301	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	289622	27.174	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	394551	30.141	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	397851	27.510	ng/u1	0.00
21) Nitrobenzene-d5	8.858	128	194249	29.503	ng/u1	0.00
24) 2-Nitrophenol-d4	9.575	143	191617	31.813	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	413652	31.370	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	179159	8.253	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1197484	28.777	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	1412266	29.518	ng/u1	0.00
54) 4-Nitrophenol-d4	14.546	143	221546	27.834	ng/u1	0.00
60) Fluorene-d10	15.340	176	1049148	28.811	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	154055	26.504	ng/u1	0.01
73) Anthracene-d10	17.192	188	1604034	28.271	ng/u1	0.00
81) Pyrene-d10	19.492	212	1938088	29.036	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	1816954	29.722	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	83683	17.171	ng/uL	97
5) Pyridine	3.617	79	565284	41.068	ng/u1	100
6) Benzaldehyde	6.846	77	422301	52.552	ng/u1	99
8) Phenol	6.893	94	821342	45.690	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.134	93	639850	43.649	ng/u1	99
12) 2-Chlorophenol	7.264	128	658333	46.882	ng/u1	97
13) 2-Methylphenol	8.140	108	620950	44.827	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	880899	42.676	ng/u1	100
16) Acetophenone	8.522	105	974401	42.673	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.511	70	491668	42.752	ng/u1	98
18) 4-Methylphenol	8.469	108	672192	43.347	ng/u1	99
19) Hexachloroethane	8.769	117	268326	45.576	ng/u1	98
22) Nitrobenzene	8.899	77	733964	45.666	ng/u1	100
23) Isophorone	9.422	82	1451794	45.293	ng/u1	100
25) 2-Nitrophenol	9.605	139	347789	49.131	ng/u1	99
26) 2,4-Dimethylphenol	9.663	107	679823	43.209	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.910	93	889280	43.636	ng/u1	99
29) 2,4-Dichlorophenol	10.134	162	628145	46.670	ng/u1	99
30) Naphthalene	10.534	128	2160060	44.374	ng/u1	99
32) 4-Chloroaniline	10.646	127	784280	37.487	ng/u1	99
33) Hexachlorobutadiene	10.816	225	381874	45.076	ng/u1	98
34) Caprolactam	11.428	113	229135m	45.571	ng/u1	
35) 4-Chloro-3-methylphenol	11.775	107	696824	45.967	ng/u1	98
36) 2-Methylnaphthalene	12.152	142	1474868	43.384	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	1458970	42.277	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.522	216	739573	45.980	ng/ul	98
40) Hexachlorocyclopentadiene	12.499	237	383777	42.015	ng/ul	98
41) 2,4,6-Trichlorophenol	12.763	196	493844	49.133	ng/ul	98
42) 2,4,5-Trichlorophenol	12.834	196	553330	48.747	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	1905044	44.844	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	1507327	45.073	ng/ul	98
45) 2-Nitroaniline	13.422	65	439166	49.346	ng/ul	99
47) Dimethylphthalate	13.810	163	1891326	43.999	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	395076	49.572	ng/ul	99
50) Acenaphthylene	14.063	152	2517673	45.543	ng/ul	99
51) 3-Nitroaniline	14.257	138	403535	47.704	ng/ul	93
52) Acenaphthene	14.410	153	1631916	44.298	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	168207	45.951	ng/ul	98
55) 4-Nitrophenol	14.563	109	291993	46.303	ng/ul	99
56) Dibenzofuran	14.746	168	2246893	43.877	ng/ul	100
57) 2,4-Dinitrotoluene	14.716	165	570942	49.068	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.969	232	461823	48.988	ng/ul	98
59) Diethylphthalate	15.181	149	1929915	44.194	ng/ul	99
61) Fluorene	15.398	166	1769996	43.485	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.393	204	825354	41.330	ng/ul	96
63) 4-Nitroaniline	15.422	138	462995	56.298	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	284999	45.633	ng/ul	96
67) N-Nitrosodiphenylamine	15.610	169	1607413	44.822	ng/ul	100
68) 4-Bromophenyl-phenylether	16.287	248	574290	45.927	ng/ul	95
69) Hexachlorobenzene	16.392	284	640916	43.528	ng/ul	99
70) Atrazine	16.569	200	551562	44.373	ng/ul	99
71) Pentachlorophenol	16.740	266	414762	47.775	ng/ul	93
72) Phenanthrene	17.134	178	3009791	44.487	ng/ul	100
74) Anthracene	17.228	178	3085135	45.108	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	758944	46.912	ng/ul	97
76) Pentachlorobenzene	14.657	250	706727	43.008	ng/ul	94
77) Carbazole	17.498	167	2851037	47.534	ng/ul	99
78) Di-n-butylphthalate	18.069	149	3509506	47.963	ng/ul	99
80) Fluoranthene	19.157	202	3519526	44.357	ng/ul	99
82) Pyrene	19.522	202	3703621	44.197	ng/ul	98
83) Butylbenzylphthalate	20.433	149	1666970	52.090	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.245	252	1027900	45.060	ng/ul	100
85) Benzo(a)anthracene	21.310	228	3664342	44.226	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.251	149	2372989	50.283	ng/ul	98
87) Chrysene	21.375	228	3484048	44.550	ng/ul	99
89) Di-n-octyl phthalate	22.375	149	4384771	52.189	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	3613592	46.281	ng/ul	97
91) Benzo(k)fluoranthene	23.410	252	3601546	45.420	ng/ul	100
93) Benzo(a)pyrene	24.145	252	3249537	44.057	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.586	276	3507351m	43.990	ng/ul	
95) Dibenzo(a,h)anthracene	27.657	278	2959417	44.091	ng/ul	96
96) Benzo(g,h,i)perylene	28.633	276	2705588	43.225	ng/ul	99

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

