

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040224\
 Data File : BN030586.D
 Acq On : 01 Apr 2024 13:04
 Operator : MA/JU
 Sample : P1925-10MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PMW-9D(20240327)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

Quant Time: Apr 02 00:10:31 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	7.693	152	214462	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	934076	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.340	164	613165	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1291494	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	1215956	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1237042	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	30427	6.652	ng/uL	0.00
4) Pyridine-d5	3.599	84	232333	16.940	ng/u1	0.00
7) Phenol-d5	6.858	99	201486	11.614	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	479585	44.756	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	513505	39.017	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	360777	24.812	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	328842	50.750	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	330181	55.702	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	600718	46.291	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	812269	38.020	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	2010587	49.113	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	2341105	49.737	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	105020	13.411	ng/u1	0.00
60) Fluorene-d10	15.334	176	1739141	48.546	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	309084	54.220	ng/u1	0.00
73) Anthracene-d10	17.187	188	2751445	49.446	ng/u1	0.00
81) Pyrene-d10	19.486	212	3230837	49.420	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	3094568	54.291	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	55441	11.315	ng/uL	95
5) Pyridine	3.617	79	265895	19.214	ng/u1	98
6) Benzaldehyde	6.840	77	435396m	53.891	ng/u1	
8) Phenol	6.887	94	230451	12.751	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.128	93	673673	45.710	ng/u1	98
12) 2-Chlorophenol	7.258	128	550504	38.992	ng/u1	97
13) 2-Methylphenol	8.134	108	416700	29.920	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	895904	43.170	ng/u1	98
16) Acetophenone	8.516	105	1019063	44.390	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.505	70	514903	44.532	ng/u1	98
18) 4-Methylphenol	8.463	108	401978	25.783	ng/u1	97
19) Hexachloroethane	8.763	117	259044	43.764	ng/u1	97
22) Nitrobenzene	8.893	77	773244	48.885	ng/u1	98
23) Isophorone	9.422	82	1530062	48.504	ng/u1	100
25) 2-Nitrophenol	9.599	139	370554	53.190	ng/u1	97
26) 2,4-Dimethylphenol	9.663	107	604335	39.030	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.910	93	927311	46.235	ng/u1	98
29) 2,4-Dichlorophenol	10.134	162	657575	49.644	ng/u1	100
30) Naphthalene	10.534	128	2215893	46.254	ng/u1	100
32) 4-Chloroaniline	10.646	127	805319	39.113	ng/u1	100
33) Hexachlorobutadiene	10.810	225	390624	46.852	ng/u1	99
34) Caprolactam	11.428	113	94672	19.132	ng/u1	100
35) 4-Chloro-3-methylphenol	11.763	107	623984	41.825	ng/u1	98
36) 2-Methylnaphthalene	12.146	142	1547031	46.240	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	1555968	45.814	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.516	216	835353	52.790	ng/u1	99
40) Hexachlorocyclopentadiene	12.493	237	387741	43.147	ng/u1	98
41) 2,4,6-Trichlorophenol	12.757	196	528869	53.485	ng/u1	99
42) 2,4,5-Trichlorophenol	12.828	196	678355	60.745	ng/u1	99
43) 1,1'-Biphenyl	13.169	154	2032232	48.626	ng/u1	99
44) 2-Chloronaphthalene	13.210	162	1610484	48.951	ng/u1	99
45) 2-Nitroaniline	13.422	65	485000	55.394	ng/u1	97
47) Dimethylphthalate	13.804	163	2116915	50.058	ng/u1	100
48) 2,6-Dinitrotoluene	13.922	165	438573	55.936	ng/u1	95
50) Acenaphthylene	14.063	152	2740960	50.399	ng/u1	99
51) 3-Nitroaniline	14.251	138	430220	51.696	ng/u1	99
52) Acenaphthene	14.404	153	1776568	49.019	ng/u1	98
53) 2,4-Dinitrophenol	14.451	184	198711	55.178	ng/u1	96
55) 4-Nitrophenol	14.551	109	84152	13.564	ng/u1	95
56) Dibenzofuran	14.740	168	2421836	48.072	ng/u1	98
57) 2,4-Dinitrotoluene	14.710	165	637151	55.660	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	14.963	232	482202	51.992	ng/u1	97
59) Diethylphthalate	15.181	149	2152033	50.092	ng/u1	100
61) Fluorene	15.393	166	1960833	48.967	ng/u1	95
62) 4-Chlorophenyl-phenyle...	15.393	204	929997	47.337	ng/u1	98
63) 4-Nitroaniline	15.422	138	506337	62.582	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.475	198	341700	55.785	ng/u1	92
67) N-Nitrosodiphenylamine	15.604	169	1738203	49.420	ng/u1	98
68) 4-Bromophenyl-phenylether	16.287	248	632288	51.558	ng/u1	99
69) Hexachlorobenzene	16.387	284	711344	49.259	ng/u1	96
70) Atrazine	16.563	200	583583	47.871	ng/u1	98
71) Pentachlorophenol	16.734	266	453410	53.252	ng/u1	96
72) Phenanthrene	17.134	178	3294423	49.650	ng/u1	100
74) Anthracene	17.222	178	3323386	49.545	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	937636	59.095	ng/uL	99
76) Pentachlorobenzene	14.657	250	797320	49.474	ng/uL	96
77) Carbazole	17.498	167	3090058	52.530	ng/u1	98
78) Di-n-butylphthalate	18.069	149	3821495	53.252	ng/u1	99
80) Fluoranthene	19.151	202	3885907	50.003	ng/u1	99
82) Pyrene	19.516	202	4000359	48.741	ng/u1	100
83) Butylbenzylphthalate	20.433	149	1814083	57.878	ng/u1	95
84) 3,3'-Dichlorobenzidine	21.239	252	1029920	46.096	ng/u1	98
85) Benzo(a)anthracene	21.310	228	4087643	50.371	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	2580184	55.821	ng/u1	99
87) Chrysene	21.375	228	3814576	49.801	ng/u1	97
89) Di-n-octyl phthalate	22.369	149	4667136	59.576	ng/u1	100
90) Benzo(b)fluoranthene	23.345	252	4046845	55.587	ng/u1	97
91) Benzo(k)fluoranthene	23.410	252	3936750	53.246	ng/u1	100
93) Benzo(a)pyrene	24.145	252	3640126	52.930	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.592	276	3838077	51.628	ng/u1	98
95) Dibenzo(a,h)anthracene	27.651	278	3241646	51.797	ng/u1	97
96) Benzo(g,h,i)perylene	28.621	276	2947521	50.504	ng/u1	98

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

