

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080324\
 Data File : BP021359.D
 Acq On : 04 Aug 2024 02:44
 Operator : CG/JU
 Sample : P3278-19MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E1ZS0MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 05 00:32:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	182746	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.381	136	676829	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.257	164	412468	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.081	188	901598	20.000	ng/u1	-0.01
79) Chrysene-d12	21.522	240	995557	20.000	ng/u1	-0.01
88) Perylene-d12	24.810	264	1220034	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	16222	4.039	ng/uL	-0.01
4) Pyridine-d5	3.581	84	208759	17.956	ng/u1	-0.01
7) Phenol-d5	6.840	99	299050	20.072	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	184727	20.459	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	252161	20.542	ng/u1	-0.01
15) 4-Methylphenol-d8	8.346	113	231594	18.716	ng/u1	-0.02
21) Nitrobenzene-d5	8.775	128	113271	21.547	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.487	143	130818	21.742	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.046	165	241329	22.181	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	306019	21.231	ng/u1	-0.01
46) Dimethylphthalate-d6	13.669	166	684502	22.829	ng/u1	-0.01
49) Acenaphthylene-d8	13.945	160	784157	23.291	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.581	143	139865	32.785	ng/u1	0.00
60) Fluorene-d10	15.275	176	593469	24.126	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.463	200	112014	20.534	ng/u1	0.00
73) Anthracene-d10	17.181	188	959391	23.958	ng/u1	-0.01
81) Pyrene-d10	19.563	212	1274786	20.712	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.580	264	1537482	25.551	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	50238	11.374	ng/uL	99
5) Pyridine	3.599	79	310626	25.903	ng/u1	99
6) Benzaldehyde	6.799	77	200775m	26.730	ng/u1	
8) Phenol	6.869	94	415614	27.568	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	323691	25.990	ng/u1	97
12) 2-Chlorophenol	7.205	128	341045	27.720	ng/u1	98
13) 2-Methylphenol	8.081	108	303272	26.011	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.134	45	481803	26.777	ng/u1	97
16) Acetophenone	8.440	105	485605	25.427	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.416	70	243045	24.288	ng/u1	98
18) 4-Methylphenol	8.416	108	323530	25.901	ng/u1	97
19) Hexachloroethane	8.657	117	147810	26.735	ng/u1	94
22) Nitrobenzene	8.816	77	368147	29.234	ng/u1	96
23) Isophorone	9.334	82	655148	26.169	ng/u1	98
25) 2-Nitrophenol	9.516	139	181333	28.896	ng/u1	98
26) 2,4-Dimethylphenol	9.593	107	302823	24.472	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.804	93	409423	26.905	ng/u1	100
29) 2,4-Dichlorophenol	10.069	162	303872	28.339	ng/u1	98
30) Naphthalene	10.428	128	1015411	28.521	ng/u1	100
32) 4-Chloroaniline	10.563	127	305839	22.221	ng/u1	98
33) Hexachlorobutadiene	10.687	225	228354	28.403	ng/u1	98
34) Caprolactam	11.387	113	95154	28.807	ng/u1	99
35) 4-Chloro-3-methylphenol	11.728	107	331680	28.457	ng/u1	100
36) 2-Methylnaphthalene	12.046	142	668757	27.365	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	678010	26.975	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	390842	29.178	ng/ul	97
40) Hexachlorocyclopentadiene	12.369	237	68510	9.777	ng/ul	96
41) 2,4,6-Trichlorophenol	12.693	196	236774	27.974	ng/ul	98
42) 2,4,5-Trichlorophenol	12.787	196	251101	28.039	ng/ul	98
43) 1,1'-Biphenyl	13.069	154	882547	29.278	ng/ul	99
44) 2-Chloronaphthalene	13.116	162	698873	29.042	ng/ul	99
45) 2-Nitroaniline	13.369	65	215638	32.403	ng/ul	97
47) Dimethylphthalate	13.716	163	859908	28.264	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	179298	29.477	ng/ul	100
50) Acenaphthylene	13.981	152	1095464	28.737	ng/ul	99
51) 3-Nitroaniline	14.222	138	174734	33.012	ng/ul	99
52) Acenaphthene	14.322	153	728904	28.809	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	90729	28.403	ng/ul	96
55) 4-Nitrophenol	14.587	109	116234	33.494	ng/ul#	79
56) Dibenzofuran	14.669	168	1034698	29.864	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	268067	32.105	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.922	232	212989	27.774	ng/ul	98
59) Diethylphthalate	15.110	149	863419	28.397	ng/ul	100
61) Fluorene	15.328	166	841553	29.765	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	427043	27.835	ng/ul	98
63) 4-Nitroaniline	15.416	138	186085	42.453	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	162675	28.120	ng/ul	99
67) N-Nitrosodiphenylamine	15.557	169	725730	27.642	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	280206	26.515	ng/ul	98
69) Hexachlorobenzene	16.357	284	335104	27.656	ng/ul	99
70) Atrazine	16.545	200	192188	20.085	ng/ul	97
71) Pentachlorophenol	16.745	266	168130	25.548	ng/ul	97
72) Phenanthrene	17.122	178	1386467	29.644	ng/ul	100
74) Anthracene	17.216	178	1385985	29.068	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	385014	26.680	ng/uL	99
76) Pentachlorobenzene	14.581	250	376963	26.289	ng/uL	99
77) Carbazole	17.522	167	1319490	33.852	ng/ul	100
78) Di-n-butylphthalate	18.081	149	1581350	29.406	ng/ul	100
80) Fluoranthene	19.228	202	1831481	24.640	ng/ul	99
82) Pyrene	19.598	202	1938786	25.633	ng/ul	97
83) Butylbenzylphthalate	20.539	149	806665	25.597	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.422	252	695575	30.576	ng/ul	99
85) Benzo(a)anthracene	21.498	228	2050627	29.404	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	1160753	25.594	ng/ul	100
87) Chrysene	21.569	228	1953124	30.140	ng/ul	100
89) Di-n-octyl phthalate	22.645	149	2132380	26.458	ng/ul	100
90) Benzo(b)fluoranthene	23.768	252	2200930	29.727	ng/ul	99
91) Benzo(k)fluoranthene	23.833	252	2153819	29.150	ng/ul	99
93) Benzo(a)pyrene	24.663	252	1887266	26.975	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.568	276	2782193m	30.860	ng/ul	
95) Dibenzo(a,h)anthracene	28.621	278	2233310	29.914	ng/ul	99
96) Benzo(g,h,i)perylene	29.733	276	2136535m	29.099	ng/ul	

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

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