

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020989.D
 Acq On : 16 Jul 2024 13:37
 Operator : MA/JU
 Sample : P3177-24MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BS2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 23:17:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	200784	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	828127	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	555605	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	1222919	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1195608	20.000	ng/u1	0.02
88) Perylene-d12	24.857	264	1436408	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	17771	4.028	ng/uL	0.00
4) Pyridine-d5	3.658	84	232354	18.190	ng/u1	0.00
7) Phenol-d5	6.899	99	415217	25.366	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	240797	24.273	ng/u1	0.01
11) 2-Chlorophenol-d4	7.246	132	339753	25.191	ng/u1	0.01
15) 4-Methylphenol-d8	8.405	113	354264	26.057	ng/u1	0.01
21) Nitrobenzene-d5	8.846	128	172709	26.851	ng/u1	0.02
24) 2-Nitrophenol-d4	9.552	143	195992	26.622	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	373279	28.040	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	453591	25.720	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	1102238	27.290	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1243149	27.411	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	162335	28.249	ng/u1	0.00
60) Fluorene-d10	15.322	176	956400	28.864	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	189778	25.648	ng/u1	0.00
73) Anthracene-d10	17.228	188	1528831	28.147	ng/u1	0.00
81) Pyrene-d10	19.604	212	1873950	25.352	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.627	264	2030415	28.661	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	59251	12.210	ng/uL	95
5) Pyridine	3.675	79	410291	31.141	ng/u1	99
6) Benzaldehyde	6.863	77	268162	32.494	ng/u1	100
8) Phenol	6.922	94	585075	35.322	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.140	93	433714	31.696	ng/u1	99
12) 2-Chlorophenol	7.275	128	458623	33.928	ng/u1	99
13) 2-Methylphenol	8.146	108	439573	34.314	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.210	45	621874	31.457	ng/u1	98
16) Acetophenone	8.510	105	717987	34.217	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.493	70	354059	32.203	ng/u1	98
18) 4-Methylphenol	8.469	108	485890	35.405	ng/u1	96
19) Hexachloroethane	8.740	117	185051	30.464	ng/u1	97
22) Nitrobenzene	8.887	77	527915	34.262	ng/u1	100
23) Isophorone	9.410	82	1033804	33.750	ng/u1	99
25) 2-Nitrophenol	9.581	139	279247	36.369	ng/u1	97
26) 2,4-Dimethylphenol	9.646	107	458409	30.277	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	605526	32.521	ng/u1	100
29) 2,4-Dichlorophenol	10.122	162	480127	36.596	ng/u1	98
30) Naphthalene	10.504	128	1488803	34.178	ng/u1	100
32) 4-Chloroaniline	10.622	127	497245	29.527	ng/u1	99
33) Hexachlorobutadiene	10.763	225	318198	32.347	ng/u1	97
34) Caprolactam	11.428	113	162884m	40.303	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	538253	37.744	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	1045696	34.972	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1072791	34.884	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	635309	35.209	ng/ul	98
40) Hexachlorocyclopentadiene	12.445	237	175679	18.612	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	412118	36.146	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	454405	37.669	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	1421574	35.010	ng/ul	99
44) 2-Chloronaphthalene	13.187	162	1111630	34.293	ng/ul	99
45) 2-Nitroaniline	13.398	65	349230	38.958	ng/ul	100
47) Dimethylphthalate	13.763	163	1424696	34.764	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	312450	38.134	ng/ul	96
50) Acenaphthylene	14.034	152	1783462	34.733	ng/ul	100
51) 3-Nitroaniline	14.240	138	313124	43.917	ng/ul	97
52) Acenaphthene	14.375	153	1177370	34.546	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	158955	36.942	ng/ul	95
55) 4-Nitrophenol	14.581	109	180399	38.592	ng/ul	95
56) Dibenzofuran	14.716	168	1670706	35.798	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	449154	39.934	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.951	232	385100	37.280	ng/ul#	97
59) Diethylphthalate	15.157	149	1440011	35.159	ng/ul	99
61) Fluorene	15.375	166	1374292	36.085	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	712861	34.495	ng/ul	98
63) 4-Nitroaniline	15.428	138	308795	52.298	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.486	198	269096	34.294	ng/ul	98
67) N-Nitrosodiphenylamine	15.598	169	1197584	33.629	ng/ul	100
68) 4-Bromophenyl-phenylether	16.286	248	472702	32.978	ng/ul	99
69) Hexachlorobenzene	16.398	284	557041	33.893	ng/ul	97
70) Atrazine	16.581	200	356202	27.445	ng/ul	100
71) Pentachlorophenol	16.769	266	293447	32.874	ng/ul	99
72) Phenanthrene	17.169	178	2287655	36.060	ng/ul	99
74) Anthracene	17.263	178	2268083	35.069	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	618120	31.579	ng/ul	99
76) Pentachlorobenzene	14.634	250	633659	32.580	ng/ul	98
77) Carbazole	17.545	167	2070797	39.168	ng/ul	100
78) Di-n-butylphthalate	18.128	149	2597662	35.613	ng/ul	100
80) Fluoranthene	19.257	202	2825877	31.657	ng/ul	99
82) Pyrene	19.633	202	2924353	32.194	ng/ul	99
83) Butylbenzylphthalate	20.574	149	1232216	32.558	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.469	252	889426	32.556	ng/ul	100
85) Benzo(a)anthracene	21.545	228	2960417	35.347	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1706548	31.333	ng/ul	98
87) Chrysene	21.610	228	2753500	35.381	ng/ul	99
89) Di-n-octyl phthalate	22.710	149	3117784	32.857	ng/ul	100
90) Benzo(b)fluoranthene	23.810	252	3091269	35.463	ng/ul	99
91) Benzo(k)fluoranthene	23.874	252	3070750	35.299	ng/ul	99
93) Benzo(a)pyrene	24.698	252	2637190	32.016	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.621	276	3840676	36.183	ng/ul	100
95) Dibenzo(a,h)anthracene	28.680	278	3126866	35.574	ng/ul	99
96) Benzo(g,h,i)perylene	29.780	276	2982913	34.506	ng/ul	97

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

