

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020974.D
 Acq On : 16 Jul 2024 02:08
 Operator : MA/JU
 Sample : P3100-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CD1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 03:37:37 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	7.699	152	222067	20.000	ng/u1	0.01
20) Naphthalene-d8	10.457	136	820676	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.304	164	503727	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.122	188	1029955	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1017075	20.000	ng/u1	0.00
88) Perylene-d12	24.845	264	1246682	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	25547	5.235	ng/uL	0.00
4) Pyridine-d5	3.664	84	346272	24.510	ng/u1	0.01
7) Phenol-d5	6.905	99	549622	30.358	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.052	67	334570	30.494	ng/u1	0.02
11) 2-Chlorophenol-d4	7.246	132	467146	31.317	ng/u1	0.01
15) 4-Methylphenol-d8	8.416	113	411655	27.377	ng/u1	0.02
21) Nitrobenzene-d5	8.857	128	222172	34.854	ng/u1	0.03
24) 2-Nitrophenol-d4	9.557	143	261058	35.782	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.099	165	452956	34.335	ng/u1	0.01
31) 4-Chloroaniline-d4	10.604	131	548118	31.362	ng/u1	0.02
46) Dimethylphthalate-d6	13.722	166	1281881	35.007	ng/u1	0.01
49) Acenaphthylene-d8	13.998	160	1466851	35.675	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	195309	37.487	ng/u1	0.00
60) Fluorene-d10	15.322	176	1070801	35.644	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	217139	34.844	ng/u1	0.01
73) Anthracene-d10	17.216	188	1636530	35.775	ng/u1	0.00
81) Pyrene-d10	19.598	212	2002798	31.851	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.639	264	2254380	36.665	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	78014	14.536	ng/uL	96
5) Pyridine	3.681	79	477600	32.775	ng/u1	98
6) Benzaldehyde	6.869	77	228353	25.019	ng/u1	98
8) Phenol	6.928	94	724793	39.563	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.140	93	560067	37.007	ng/u1	99
12) 2-Chlorophenol	7.281	128	583416	39.024	ng/u1	100
13) 2-Methylphenol	8.158	108	523714	36.964	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	778822	35.620	ng/u1	98
16) Acetophenone	8.522	105	859756	37.046	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.499	70	425152	34.963	ng/u1	98
18) 4-Methylphenol	8.481	108	571570	37.656	ng/u1	97
19) Hexachloroethane	8.752	117	245758	36.581	ng/u1	98
22) Nitrobenzene	8.899	77	636046	41.655	ng/u1	99
23) Isophorone	9.410	82	1176125	38.744	ng/u1	100
25) 2-Nitrophenol	9.593	139	335874	44.142	ng/u1	98
26) 2,4-Dimethylphenol	9.657	107	453489	30.224	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.875	93	731142	39.624	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	549522	42.266	ng/u1	98
30) Naphthalene	10.504	128	1752858	40.605	ng/u1	99
32) 4-Chloroaniline	10.628	127	531206	31.830	ng/u1	99
33) Hexachlorobutadiene	10.775	225	399978	41.029	ng/u1	100
34) Caprolactam	11.440	113	144735m	36.137	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	586483	41.499	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	1197236	40.403	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.346	142	1221523	40.081	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	713885	43.639	ng/ul	99
40) Hexachlorocyclopentadiene	12.446	237	233753	27.315	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	430058	41.604	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	471819	43.140	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	1539129	41.809	ng/ul	100
44) 2-Chloronaphthalene	13.175	162	1235316	42.034	ng/ul	99
45) 2-Nitroaniline	13.404	65	374168	46.039	ng/ul	98
47) Dimethylphthalate	13.781	163	1531084	41.208	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	324901	43.738	ng/ul	100
50) Acenaphthylene	14.034	152	1916190	41.161	ng/ul	100
51) 3-Nitroaniline	14.245	138	317038	49.045	ng/ul	97
52) Acenaphthene	14.375	153	1261716	40.834	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	170550	43.719	ng/ul	97
55) 4-Nitrophenol	14.592	109	199202	47.003	ng/ul	93
56) Dibenzofuran	14.722	168	1785385	42.195	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	470643	46.154	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.969	232	369356	39.438	ng/ul	99
59) Diethylphthalate	15.151	149	1518727	40.900	ng/ul	100
61) Fluorene	15.381	166	1434530	41.546	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	751877	40.130	ng/ul	97
63) 4-Nitroaniline	15.428	138	316945	59.207	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.487	198	296040	44.796	ng/ul	94
67) N-Nitrosodiphenylamine	15.598	169	1240311	41.354	ng/ul	98
68) 4-Bromophenyl-phenylether	16.292	248	497362	41.199	ng/ul	97
69) Hexachlorobenzene	16.404	284	572239	41.341	ng/ul	99
70) Atrazine	16.581	200	309376	28.303	ng/ul	99
71) Pentachlorophenol	16.763	266	280885	37.362	ng/ul	98
72) Phenanthrene	17.163	178	2272949	42.541	ng/ul	100
74) Anthracene	17.251	178	2258721	41.467	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	735845	44.637	ng/ul	98
76) Pentachlorobenzene	14.628	250	622518	38.003	ng/ul	99
77) Carbazole	17.551	167	2110539	47.399	ng/ul	99
78) Di-n-butylphthalate	18.116	149	2637953	42.941	ng/ul	100
80) Fluoranthene	19.251	202	2811361	37.022	ng/ul	99
82) Pyrene	19.627	202	2907811	37.631	ng/ul	99
83) Butylbenzylphthalate	20.580	149	1236633	38.411	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	954134	41.054	ng/ul	99
85) Benzo(a)anthracene	21.539	228	3004435	42.169	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	1759993	37.987	ng/ul	99
87) Chrysene	21.610	228	2871747	43.378	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	3211933	39.000	ng/ul	100
90) Benzo(b)fluoranthene	23.816	252	3212663	42.465	ng/ul	99
91) Benzo(k)fluoranthene	23.880	252	3185670	42.193	ng/ul	99
93) Benzo(a)pyrene	24.704	252	2758255	38.581	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.598	276	3988763m	43.298	ng/ul	
95) Dibenzo(a,h)anthracene	28.680	278	3274618	42.925	ng/ul	100
96) Benzo(g,h,i)perylene	29.786	276	3111755m	41.475	ng/ul	

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

