

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
 Data File : BP020373.D
 Acq On : 14 May 2024 19:07
 Operator : MA/JU
 Sample : P2372-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43R1MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 00:17:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 14 23:58:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	78269	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	324577	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	233835	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.098	188	521414	20.000	ng/u1	-0.01
79) Chrysene-d12	21.604	240	536968	20.000	ng/u1	0.00
88) Perylene-d12	24.957	264	584186	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	10865	5.863	ng/uL	0.00
4) Pyridine-d5	3.593	84	155423	28.863	ng/u1	0.00
7) Phenol-d5	6.781	99	213567	31.773	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	130619	31.989	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	173159	36.036	ng/u1	0.00
15) 4-Methylphenol-d8	8.299	113	163988	30.176	ng/u1	-0.01
21) Nitrobenzene-d5	8.752	128	87502	36.001	ng/u1	0.00
24) 2-Nitrophenol-d4	9.463	143	104907	37.691	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	192447	37.890	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	232436	32.697	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	644419	37.738	ng/u1	0.00
49) Acenaphthylene-d8	13.946	160	692657	36.720	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.522	143	71461	27.229	ng/u1	-0.02
60) Fluorene-d10	15.287	176	536375	37.659	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	95947	28.998	ng/u1	-0.01
73) Anthracene-d10	17.204	188	854196m	37.869	ng/u1	-0.01
81) Pyrene-d10	19.610	212	1029998	32.815	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	1053403	37.294	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	28992	13.786	ng/uL	96
5) Pyridine	3.611	79	189223	34.742	ng/u1	94
6) Benzaldehyde	6.764	77	150323	44.493	ng/u1	98
8) Phenol	6.805	94	253705	36.569	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.034	93	186992	34.445	ng/u1	98
12) 2-Chlorophenol	7.164	128	193508	38.571	ng/u1	94
13) 2-Methylphenol	8.034	108	192584	37.215	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.111	45	221156	32.657	ng/u1	97
16) Acetophenone	8.416	105	327399	36.300	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.399	70	176166	35.993	ng/u1	94
18) 4-Methylphenol	8.364	108	212321	37.748	ng/u1	96
19) Hexachloroethane	8.634	117	81429	35.493	ng/u1	94
22) Nitrobenzene	8.793	77	257959	36.971	ng/u1	98
23) Isophorone	9.316	82	492450	36.704	ng/u1	98
25) 2-Nitrophenol	9.493	139	120402	41.762	ng/u1	91
26) 2,4-Dimethylphenol	9.552	107	246617	39.208	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.793	93	271775	36.539	ng/u1	99
29) 2,4-Dichlorophenol	10.022	162	208328	42.168	ng/u1	99
30) Naphthalene	10.410	128	631463	37.744	ng/u1	99
32) 4-Chloroaniline	10.546	127	237212	34.124	ng/u1	99
33) Hexachlorobutadiene	10.669	225	147700	38.491	ng/u1	97
34) Caprolactam	11.357	113	73591m	42.660	ng/u1	
35) 4-Chloro-3-methylphenol	11.687	107	250200	40.675	ng/u1	100
36) 2-Methylnaphthalene	12.040	142	466086	40.040	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	470701	40.184	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.410	216	293473	40.242	ng/ul	98
40) Hexachlorocyclopentadiene	12.369	237	105773	26.669	ng/ul	96
41) 2,4,6-Trichlorophenol	12.669	196	192042	41.992	ng/ul	99
42) 2,4,5-Trichlorophenol	12.752	196	203374	41.326	ng/ul	95
43) 1,1'-Biphenyl	13.075	154	630777	38.139	ng/ul	98
44) 2-Chloronaphthalene	13.116	162	500592	38.144	ng/ul	98
45) 2-Nitroaniline	13.351	65	173703	39.903	ng/ul	96
47) Dimethylphthalate	13.728	163	686212	39.784	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	143925	41.974	ng/ul	99
50) Acenaphthylene	13.981	152	801379	37.771	ng/ul	99
51) 3-Nitroaniline	14.204	138	129835	40.598	ng/ul	97
52) Acenaphthene	14.328	153	534714	37.503	ng/ul	100
53) 2,4-Dinitrophenol	14.434	184	80755	38.369	ng/ul	90
55) 4-Nitrophenol	14.534	109	96449	35.298	ng/ul	94
56) Dibenzofuran	14.675	168	786248	40.095	ng/ul	97
57) 2,4-Dinitrotoluene	14.675	165	216332	43.882	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.910	232	193428	43.770	ng/ul	96
59) Diethylphthalate	15.128	149	691853	40.183	ng/ul	99
61) Fluorene	15.345	166	653506	40.108	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.340	204	353587	40.905	ng/ul	95
63) 4-Nitroaniline	15.404	138	123629	46.387	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	140599	40.751	ng/ul	95
67) N-Nitrosodiphenylamine	15.569	169	571580	39.370	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	226493	40.103	ng/ul	97
69) Hexachlorobenzene	16.369	284	266050	40.671	ng/ul	97
70) Atrazine	16.575	200	226646	44.027	ng/ul	99
71) Pentachlorophenol	16.745	266	160049	40.479	ng/ul	97
72) Phenanthrene	17.145	178	1057638	39.756	ng/ul	99
74) Anthracene	17.240	178	1047039	38.696	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	286003	36.907	ng/uL	97
76) Pentachlorobenzene	14.581	250	302026	38.946	ng/uL	97
77) Carbazole	17.545	167	947725	40.658	ng/ul	99
78) Di-n-butylphthalate	18.139	149	1210240	42.834	ng/ul	99
80) Fluoranthene	19.263	202	1307449	35.394	ng/ul	98
82) Pyrene	19.645	202	1381958	35.956	ng/ul	97
83) Butylbenzylphthalate	20.622	149	556175	38.120	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.516	252	378718	34.655	ng/ul	97
85) Benzo(a)anthracene	21.580	228	1381712	37.938	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.528	149	818991	38.911	ng/ul	100
87) Chrysene	21.651	228	1298890	38.479	ng/ul	99
89) Di-n-octyl phthalate	22.822	149	1394907	37.284	ng/ul	100
90) Benzo(b)fluoranthene	23.892	252	1358191	39.084	ng/ul	100
91) Benzo(k)fluoranthene	23.969	252	1349726	38.112	ng/ul	99
93) Benzo(a)pyrene	24.798	252	1167605	35.312	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.762	276	1622666m	40.032	ng/ul	
95) Dibenzo(a,h)anthracene	28.845	278	1309922	39.071	ng/ul	99
96) Benzo(g,h,i)perylene	29.945	276	1233140	37.720	ng/ul	97

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

