

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020997.D
 Acq On : 16 Jul 2024 19:28
 Operator : MA/JU
 Sample : P3178-19MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BT2MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 23:37:09 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	175326	20.000	ng/u1	0.00
20) Naphthalene-d8	10.452	136	672414	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	427272	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.128	188	940660	20.000	ng/u1	0.01
79) Chrysene-d12	21.563	240	985759	20.000	ng/u1	0.01
88) Perylene-d12	24.868	264	1137270	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	18399	4.775	ng/uL	0.00
4) Pyridine-d5	3.658	84	261609	23.454	ng/u1	0.00
7) Phenol-d5	6.893	99	394150	27.575	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	240986	27.820	ng/u1	0.01
11) 2-Chlorophenol-d4	7.240	132	336069	28.536	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	326486	27.501	ng/u1	0.02
21) Nitrobenzene-d5	8.852	128	160521	30.735	ng/u1	0.02
24) 2-Nitrophenol-d4	9.552	143	186936	31.272	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	328920	30.430	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	412240	28.789	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	985826	31.739	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	1119618	32.102	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.569	143	145229	32.863	ng/u1	0.00
60) Fluorene-d10	15.316	176	832819	32.683	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	167269	29.389	ng/u1	0.01
73) Anthracene-d10	17.216	188	1366539	32.708	ng/u1	0.00
81) Pyrene-d10	19.604	212	1703492	27.952	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.645	264	1853907	33.052	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	41489	9.791	ng/uL	98
5) Pyridine	3.681	79	256940	22.333	ng/u1	98
6) Benzaldehyde	6.863	77	179462	24.904	ng/u1	99
8) Phenol	6.922	94	363946	25.162	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.134	93	291841	24.425	ng/u1	98
12) 2-Chlorophenol	7.275	128	304153	25.768	ng/u1	99
13) 2-Methylphenol	8.146	108	276536	24.722	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.205	45	419045	24.275	ng/u1	98
16) Acetophenone	8.510	105	448557	24.481	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.493	70	236953	24.681	ng/u1	99
18) 4-Methylphenol	8.475	108	301881	25.191	ng/u1	93
19) Hexachloroethane	8.740	117	131538	24.799	ng/u1	99
22) Nitrobenzene	8.893	77	336624	26.906	ng/u1	99
23) Isophorone	9.399	82	632413	25.427	ng/u1	99
25) 2-Nitrophenol	9.581	139	173411	27.815	ng/u1	99
26) 2,4-Dimethylphenol	9.646	107	319971	26.027	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.869	93	386331	25.554	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	293600	27.561	ng/u1	99
30) Naphthalene	10.499	128	950675	26.878	ng/u1	100
32) 4-Chloroaniline	10.622	127	294560	21.542	ng/u1	100
33) Hexachlorobutadiene	10.769	225	212918	26.656	ng/u1	98
34) Caprolactam	11.422	113	90551m	27.594	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	314974	27.201	ng/u1	99
36) 2-Methylnaphthalene	12.104	142	647986	26.689	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	657708	26.339	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.475	216	390709	28.157	ng/ul	97
40) Hexachlorocyclopentadiene	12.440	237	89264	12.297	ng/ul	97
41) 2,4,6-Trichlorophenol	12.740	196	243610	27.784	ng/ul	97
42) 2,4,5-Trichlorophenol	12.822	196	263384	28.391	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	855781	27.406	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	685285	27.491	ng/ul	99
45) 2-Nitroaniline	13.398	65	203066	29.457	ng/ul	97
47) Dimethylphthalate	13.769	163	869494	27.589	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	179937	28.557	ng/ul	98
50) Acenaphthylene	14.022	152	1073719	27.191	ng/ul	99
51) 3-Nitroaniline	14.245	138	174088	31.750	ng/ul	94
52) Acenaphthene	14.363	153	716634	27.343	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	74348	22.469	ng/ul	94
55) 4-Nitrophenol	14.587	109	127101	35.357	ng/ul	95
56) Dibenzofuran	14.716	168	1021188	28.453	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	263389	30.451	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.963	232	226577	28.522	ng/ul	99
59) Diethylphthalate	15.151	149	876343	27.823	ng/ul	99
61) Fluorene	15.381	166	842036	28.750	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	436557	27.470	ng/ul	100
63) 4-Nitroaniline	15.428	138	179497	39.531	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.492	198	157588	26.110	ng/ul	97
67) N-Nitrosodiphenylamine	15.598	169	727431	26.556	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	284993	25.848	ng/ul	97
69) Hexachlorobenzene	16.404	284	337852	26.725	ng/ul	100
70) Atrazine	16.581	200	212935	21.330	ng/ul	98
71) Pentachlorophenol	16.769	266	173237	25.231	ng/ul	97
72) Phenanthrene	17.169	178	1420596	29.112	ng/ul	100
74) Anthracene	17.251	178	1381856	27.777	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	378989	25.172	ng/uL	99
76) Pentachlorobenzene	14.628	250	387046	25.871	ng/uL	100
77) Carbazole	17.557	167	1289550	31.710	ng/ul	100
78) Di-n-butylphthalate	18.122	149	1610311	28.701	ng/ul	100
80) Fluoranthene	19.257	202	1813208	24.636	ng/ul	99
82) Pyrene	19.633	202	1906470	25.456	ng/ul	100
83) Butylbenzylphthalate	20.580	149	788760	25.278	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.469	252	595308	26.429	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1904929	27.587	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	1127119	25.100	ng/ul	99
87) Chrysene	21.604	228	1815976	28.302	ng/ul	99
89) Di-n-octyl phthalate	22.710	149	2003849	26.672	ng/ul	100
90) Benzo(b)fluoranthene	23.816	252	1982925	28.732	ng/ul	99
91) Benzo(k)fluoranthene	23.886	252	1896767	27.539	ng/ul	100
93) Benzo(a)pyrene	24.710	252	1667386	25.566	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.621	276	2358029m	28.059	ng/ul	
95) Dibenzo(a,h)anthracene	28.692	278	1905043m	27.374	ng/ul	
96) Benzo(g,h,i)perylene	29.798	276	1808720	26.427	ng/ul	99

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

