

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080324\
 Data File : BP021349.D
 Acq On : 03 Aug 2024 18:25
 Operator : CG/JU
 Sample : PB162169BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS169

Quant Time: Aug 05 00:07:49 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	216928	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.375	136	818149	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.263	164	448407	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	805382	20.000	ng/u1	-0.01
79) Chrysene-d12	21.521	240	957776	20.000	ng/u1	-0.01
88) Perylene-d12	24.804	264	1254075	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	26805	5.623	ng/uL	-0.02
4) Pyridine-d5	3.575	84	344609	24.970	ng/u1	-0.02
7) Phenol-d5	6.840	99	439201	24.834	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	268516	25.053	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	366772	25.171	ng/u1	-0.01
15) 4-Methylphenol-d8	8.352	113	327110	22.270	ng/u1	-0.01
21) Nitrobenzene-d5	8.781	128	166741	26.239	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.493	143	191739	26.362	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.040	165	331572	25.211	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.546	131	412766	23.691	ng/u1	-0.01
46) Dimethylphthalate-d6	13.669	166	822097	25.220	ng/u1	-0.01
49) Acenaphthylene-d8	13.951	160	997847	27.262	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.587	143	137286	29.601	ng/u1	0.00
60) Fluorene-d10	15.281	176	694181	25.958	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	124184	25.484	ng/u1	-0.01
73) Anthracene-d10	17.181	188	968778	27.083	ng/u1	-0.01
81) Pyrene-d10	19.563	212	1257804	21.242	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.580	264	1740169	28.135	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	54145	10.327	ng/uL	96
5) Pyridine	3.599	79	335712	23.584	ng/u1	96
6) Benzaldehyde	6.799	77	258576m	29.001	ng/u1	
8) Phenol	6.869	94	436493	24.391	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.058	93	346990	23.471	ng/u1	98
12) 2-Chlorophenol	7.205	128	362088	24.793	ng/u1	98
13) 2-Methylphenol	8.081	108	319370	23.075	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	518409	24.272	ng/u1	98
16) Acetophenone	8.440	105	518929	22.890	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.416	70	259314	21.830	ng/u1	99
18) 4-Methylphenol	8.416	108	336573	22.699	ng/u1	92
19) Hexachloroethane	8.663	117	159192	24.257	ng/u1	99
22) Nitrobenzene	8.816	77	399624	26.252	ng/u1	97
23) Isophorone	9.334	82	693664	22.922	ng/u1	99
25) 2-Nitrophenol	9.522	139	194469	25.637	ng/u1	100
26) 2,4-Dimethylphenol	9.587	107	282514	18.887	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.810	93	438919	23.861	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	322109	24.851	ng/u1	97
30) Naphthalene	10.434	128	1078419	25.059	ng/u1	100
32) 4-Chloroaniline	10.575	127	357474	21.486	ng/u1	98
33) Hexachlorobutadiene	10.681	225	242033	24.904	ng/u1	98
34) Caprolactam	11.393	113	82531m	20.670	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	321923	22.849	ng/u1	99
36) 2-Methylnaphthalene	12.051	142	703057	23.799	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	706839	23.265	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	408458	28.049	ng/ul	97
40) Hexachlorocyclopentadiene	12.375	237	72263	9.486	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	222999	24.235	ng/ul	98
42) 2,4,5-Trichlorophenol	12.793	196	232455	23.876	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	882661	26.935	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	710001	27.140	ng/ul	99
45) 2-Nitroaniline	13.375	65	191974	26.535	ng/ul	95
47) Dimethylphthalate	13.722	163	794564	24.023	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	159765	24.161	ng/ul	100
50) Acenaphthylene	13.981	152	1050119	25.340	ng/ul	99
51) 3-Nitroaniline	14.222	138	151616	26.348	ng/ul	99
52) Acenaphthene	14.328	153	699160	25.419	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	70717	20.364	ng/ul	90
55) 4-Nitrophenol	14.598	109	86076	22.816	ng/ul	81
56) Dibenzofuran	14.675	168	958059	25.436	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	220097	24.247	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.922	232	169401	20.319	ng/ul	98
59) Diethylphthalate	15.098	149	761452	23.036	ng/ul	100
61) Fluorene	15.334	166	757172	24.634	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	403068	24.167	ng/ul	99
63) 4-Nitroaniline	15.410	138	147097m	30.868	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.469	198	130245	25.204	ng/ul#	96
67) N-Nitrosodiphenylamine	15.551	169	622552	26.545	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	236398	25.042	ng/ul	99
69) Hexachlorobenzene	16.363	284	275525	25.455	ng/ul	99
70) Atrazine	16.539	200	91971	10.760	ng/ul	99
71) Pentachlorophenol	16.745	266	117426m	19.975	ng/ul	
72) Phenanthrene	17.128	178	1105584	26.462	ng/ul	100
74) Anthracene	17.216	178	1100042	25.827	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	391893	30.402	ng/uL	99
76) Pentachlorobenzene	14.592	250	364774	28.478	ng/uL	98
77) Carbazole	17.528	167	1019458	29.279	ng/ul	100
78) Di-n-butylphthalate	18.075	149	1185747	24.684	ng/ul	99
80) Fluoranthene	19.216	202	1414378	19.779	ng/ul	99
82) Pyrene	19.592	202	1516040	20.834	ng/ul	99
83) Butylbenzylphthalate	20.539	149	657898	21.700	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.439	252	628559	28.720	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1787026	26.635	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	991525	22.725	ng/ul	99
87) Chrysene	21.569	228	1684899	27.026	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	1921472	23.194	ng/ul	100
90) Benzo(b)fluoranthene	23.768	252	1993609	26.196	ng/ul	98
91) Benzo(k)fluoranthene	23.839	252	1959078	25.795	ng/ul	99
93) Benzo(a)pyrene	24.657	252	1756694	24.427	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.562	276	2481205	26.774	ng/ul	99
95) Dibenzo(a,h)anthracene	28.603	278	2031331	26.470	ng/ul	98
96) Benzo(g,h,i)perylene	29.745	276	1943823m	25.755	ng/ul	

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

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