

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021318.D
 Acq On : 02 Aug 2024 12:29
 Operator : CG/JU
 Sample : PB162173BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS173

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 02 23:35:43 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	155694	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.387	136	597809	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	391551	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	816306	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	933171	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1208253	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	18068	5.281	ng/uL	-0.01
4) Pyridine-d5	3.581	84	227256	22.943	ng/u1	-0.01
7) Phenol-d5	6.834	99	317568	25.019	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	174143	22.638	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	269783	25.796	ng/u1	-0.01
15) 4-Methylphenol-d8	8.346	113	247168	23.445	ng/u1	-0.02
21) Nitrobenzene-d5	8.775	128	125319	26.989	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.487	143	145160	27.314	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.046	165	268359	27.926	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	322020	25.295	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	772360	27.135	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	869565	27.207	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.581	143	149564	36.931	ng/u1	0.00
60) Fluorene-d10	15.281	176	662146	28.356	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	141613	28.672	ng/u1	0.00
73) Anthracene-d10	17.181	188	1020344	28.143	ng/u1	-0.01
81) Pyrene-d10	19.575	212	1309528	22.698	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	1736180	29.135	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.199	88	34679	9.216	ng/uL	98
5) Pyridine	3.599	79	227595	22.277	ng/u1	97
6) Benzaldehyde	6.799	77	178194m	27.846	ng/u1	
8) Phenol	6.863	94	323305	25.171	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	240360	22.653	ng/u1	96
12) 2-Chlorophenol	7.199	128	268439	25.610	ng/u1	98
13) 2-Methylphenol	8.087	108	239514	24.112	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.128	45	305971	19.960	ng/u1#	92
16) Acetophenone	8.446	105	385332	23.682	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.416	70	182683	21.428	ng/u1	95
18) 4-Methylphenol	8.410	108	256982	24.148	ng/u1	98
19) Hexachloroethane	8.663	117	111392	23.649	ng/u1	95
22) Nitrobenzene	8.816	77	280642	25.231	ng/u1	97
23) Isophorone	9.340	82	507045	22.930	ng/u1	99
25) 2-Nitrophenol	9.522	139	150387	27.133	ng/u1	96
26) 2,4-Dimethylphenol	9.593	107	209087	19.130	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.804	93	308745	22.970	ng/u1	100
29) 2,4-Dichlorophenol	10.069	162	258656	27.311	ng/u1	98
30) Naphthalene	10.434	128	813842	25.881	ng/u1	99
32) 4-Chloroaniline	10.575	127	286593	23.575	ng/u1	100
33) Hexachlorobutadiene	10.698	225	191495	26.966	ng/u1	97
34) Caprolactam	11.398	113	79726m	27.327	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	274475	26.662	ng/u1	100
36) 2-Methylnaphthalene	12.057	142	556392	25.777	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	560291	25.238	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	351644	27.654	ng/ul	96
40) Hexachlorocyclopentadiene	12.381	237	61735	9.281	ng/ul	100
41) 2,4,6-Trichlorophenol	12.693	196	198442	24.697	ng/ul	97
42) 2,4,5-Trichlorophenol	12.793	196	213915	25.163	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	734150	25.656	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	597718	26.165	ng/ul	99
45) 2-Nitroaniline	13.369	65	168260	26.635	ng/ul	96
47) Dimethylphthalate	13.716	163	744182	25.767	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	155635	26.954	ng/ul	95
50) Acenaphthylene	13.987	152	930955	25.726	ng/ul	100
51) 3-Nitroaniline	14.222	138	151739	30.199	ng/ul	93
52) Acenaphthene	14.328	153	617377	25.705	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	76316	25.167	ng/ul	98
55) 4-Nitrophenol	14.581	109	97316m	29.541	ng/ul	
56) Dibenzofuran	14.669	168	886100	26.941	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	230485	29.078	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.928	232	179189	24.614	ng/ul	92
59) Diethylphthalate	15.110	149	716666	24.830	ng/ul	99
61) Fluorene	15.334	166	718315	26.763	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	380784	26.146	ng/ul	95
63) 4-Nitroaniline	15.416	138	154007	37.011	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.469	198	144938	27.672	ng/ul	96
67) N-Nitrosodiphenylamine	15.557	169	618197	26.007	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	255501	26.704	ng/ul	98
69) Hexachlorobenzene	16.357	284	312052	28.444	ng/ul	96
70) Atrazine	16.545	200	102849	11.872	ng/ul	96
71) Pentachlorophenol	16.751	266	138127	23.182	ng/ul	98
72) Phenanthrene	17.128	178	1162191	27.445	ng/ul	99
74) Anthracene	17.222	178	1138969	26.383	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	341739	26.156	ng/uL	99
76) Pentachlorobenzene	14.587	250	350218	26.976	ng/uL	99
77) Carbazole	17.522	167	1048602	29.713	ng/ul	99
78) Di-n-butylphthalate	18.080	149	1215431	24.963	ng/ul	100
80) Fluoranthene	19.227	202	1474630	21.165	ng/ul	98
82) Pyrene	19.604	202	1581200	22.302	ng/ul	97
83) Butylbenzylphthalate	20.545	149	605110	20.485	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	629691	29.530	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1758733	26.905	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	850472	20.007	ng/ul	99
87) Chrysene	21.580	228	1669086	27.478	ng/ul	100
89) Di-n-octyl phthalate	22.663	149	1577437	19.763	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	2031735	27.709	ng/ul	98
91) Benzo(k)fluoranthene	23.851	252	1939908	26.511	ng/ul	98
93) Benzo(a)pyrene	24.662	252	1727290	24.929	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.586	276	2532361	28.363	ng/ul	97
95) Dibenzo(a,h)anthracene	28.633	278	2061982	27.889	ng/ul	98
96) Benzo(g,h,i)perylene	29.750	276	1988251m	27.343	ng/ul	

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

