

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
 Data File : BP023425.D
 Acq On : 13 Dec 2024 18:12
 Operator : RC/JU
 Sample : PB165624BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS624

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 13 22:47:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	129559	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	474237	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	332754	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.951	188	711237	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	805458	20.000	ng/u1	0.00
88) Perylene-d12	24.539	264	876384	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	18497	5.256	ng/uL	0.00
4) Pyridine-d5	3.510	84	249868	27.612	ng/u1	0.00
7) Phenol-d5	6.746	99	315452	31.032	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	194186	30.277	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	236822	31.565	ng/u1	0.00
15) 4-Methylphenol-d8	8.251	113	246851	30.087	ng/u1	0.00
21) Nitrobenzene-d5	8.681	128	113308	31.996	ng/u1	0.00
24) 2-Nitrophenol-d4	9.393	143	128645	31.520	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	274686	31.888	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	278795	28.891	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	786425	30.444	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	869893	31.926	ng/u1	0.01
54) 4-Nitrophenol-d4	14.422	143	97681	30.858	ng/u1	0.01
60) Fluorene-d10	15.157	176	692624	30.484	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	78029	18.153	ng/u1	0.01
73) Anthracene-d10	17.057	188	1104797	34.036	ng/u1	0.00
81) Pyrene-d10	19.433	212	1388196	32.988	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.327	264	1476527	31.473	ng/u1	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.134	88	35786	9.191	ng/uL	93
5) Pyridine	3.528	79	245049	26.510	ng/u1	94
6) Benzaldehyde	6.704	77	133957	23.050	ng/u1	97
8) Phenol	6.775	94	321998	30.426	ng/u1	92
10) Bis(2-Chloroethyl)ether	6.975	93	249604	29.879	ng/u1	99
12) 2-Chlorophenol	7.116	128	234500	29.814	ng/u1	98
13) 2-Methylphenol	7.993	108	231115	29.447	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.046	45	300485	29.578	ng/u1	98
16) Acetophenone	8.351	105	390539	28.282	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.328	70	208464	27.705	ng/u1	97
18) 4-Methylphenol	8.316	108	248489	29.333	ng/u1	100
19) Hexachloroethane	8.581	117	108144	28.238	ng/u1	98
22) Nitrobenzene	8.722	77	321375	29.825	ng/u1	99
23) Isophorone	9.234	82	572046	29.973	ng/u1	99
25) 2-Nitrophenol	9.416	139	128397	29.451	ng/u1	94
26) 2,4-Dimethylphenol	9.487	107	234826	24.325	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.710	93	325361	30.173	ng/u1	99
29) 2,4-Dichlorophenol	9.957	162	257409	30.151	ng/u1	98
30) Naphthalene	10.334	128	740094	29.810	ng/u1	99
32) 4-Chloroaniline	10.457	127	227494	24.312	ng/u1	95
33) Hexachlorobutadiene	10.598	225	220818	29.159	ng/u1	96
34) Caprolactam	11.245	113	72940m	29.281	ng/u1	
35) 4-Chloro-3-methylphenol	11.604	107	271973	29.339	ng/u1	94
36) 2-Methylnaphthalene	11.939	142	523084	28.412	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	524153	27.939	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.316	216	380427	31.329	ng/ul	96
40) Hexachlorocyclopentadiene	12.286	237	89878	15.405	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	221116	30.770	ng/ul	99
42) 2,4,5-Trichlorophenol	12.663	196	246290	32.078	ng/ul	99
43) 1,1'-Biphenyl	12.963	154	737051	31.261	ng/ul	98
44) 2-Chloronaphthalene	13.010	162	588753	30.872	ng/ul	98
45) 2-Nitroaniline	13.239	65	179301	32.451	ng/ul	95
47) Dimethylphthalate	13.604	163	736614	28.948	ng/ul	98
48) 2,6-Dinitrotoluene	13.739	165	154049	31.596	ng/ul	93
50) Acenaphthylene	13.875	152	870738	31.381	ng/ul	99
51) 3-Nitroaniline	14.086	138	136289	33.352	ng/ul	95
52) Acenaphthene	14.222	153	596839	29.429	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	33871	10.773	ng/ul	95
55) 4-Nitrophenol	14.439	109	136012	31.893	ng/ul	94
56) Dibenzofuran	14.563	168	885085	28.736	ng/ul	98
57) 2,4-Dinitrotoluene	14.563	165	222708	28.346	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.798	232	206224	27.056	ng/ul	97
59) Diethylphthalate	14.992	149	721426	28.428	ng/ul	98
61) Fluorene	15.222	166	734132	29.273	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.222	204	417470	28.700	ng/ul	100
63) 4-Nitroaniline	15.275	138	135067	37.579	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.333	198	81811	17.941	ng/ul	95
67) N-Nitrosodiphenylamine	15.433	169	618427	34.049	ng/ul	99
68) 4-Bromophenyl-phenylether	16.122	248	280819	33.446	ng/ul	97
69) Hexachlorobenzene	16.245	284	320454	31.154	ng/ul	98
70) Atrazine	16.416	200	101100	12.792	ng/ul	99
71) Pentachlorophenol	16.616	266	177583	29.578	ng/ul	96
72) Phenanthrene	16.998	178	1209481	32.893	ng/ul	100
74) Anthracene	17.092	178	1199278	32.619	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.934	216	375311	36.608	ng/uL	99
76) Pentachlorobenzene	14.480	250	368657	32.624	ng/uL	98
77) Carbazole	17.386	167	1028452	34.334	ng/ul	99
78) Di-n-butylphthalate	17.951	149	1209312	32.857	ng/ul	99
80) Fluoranthene	19.086	202	1577195	32.708	ng/ul	99
82) Pyrene	19.463	202	1627915	31.814	ng/ul	99
83) Butylbenzylphthalate	20.415	149	579701	32.711	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.286	252	535188	28.957	ng/ul	98
85) Benzo(a)anthracene	21.362	228	1626235	30.109	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	815622	32.048	ng/ul#	98
87) Chrysene	21.421	228	1500656	28.993	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	1410806	32.961	ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	1715064	31.148	ng/ul	100
91) Benzo(k)fluoranthene	23.615	252	1653887	30.189	ng/ul	99
93) Benzo(a)pyrene	24.398	252	1470864	29.462	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.121	276	1975416m	30.790	ng/ul	
95) Dibenzo(a,h)anthracene	28.168	278	1621996m	31.591	ng/ul	
96) Benzo(g,h,i)perylene	29.227	276	1545120	31.455	ng/ul	99

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

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