

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
 Data File : BM048724.D
 Acq On : 16 Nov 2024 01:05
 Operator : RC/JU
 Sample : PB164821BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS821

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 16 01:50:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 16:55:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	128003	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	511781	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.274	164	311717	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.021	188	630282	20.000	ng/u1	0.00
79) Chrysene-d12	21.250	240	619911	20.000	ng/u1	0.00
88) Perylene-d12	24.132	264	720076	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	18776	5.848	ng/uL	0.00
4) Pyridine-d5	3.498	84	256448	28.981	ng/u1	0.00
7) Phenol-d5	6.804	99	298855	30.670	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.957	67	176282	30.120	ng/u1	0.00
11) 2-Chlorophenol-d4	7.157	132	253632	31.423	ng/u1	0.00
15) 4-Methylphenol-d8	8.339	113	231092	30.162	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	117761	31.747	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	125710	31.862	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	232594	31.734	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	275522	26.465	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	638036	32.065	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	737714	31.445	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	117514	31.796	ng/u1	0.00
60) Fluorene-d10	15.268	176	548410	31.573	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	108658	34.269	ng/u1	0.00
73) Anthracene-d10	17.121	188	838261	31.429	ng/u1	0.00
81) Pyrene-d10	19.421	212	1000168	32.149	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.938	264	1076549	31.998	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.116	88	38536	10.936	ng/uL	97
5) Pyridine	3.516	79	260246	28.650	ng/u1	98
6) Benzaldehyde	6.775	77	15614	3.243	ng/u1	94
8) Phenol	6.834	94	308855	30.210	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.051	93	237853	29.605	ng/u1	98
12) 2-Chlorophenol	7.186	128	256243	30.643	ng/u1	97
13) 2-Methylphenol	8.075	108	227122	30.011	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.139	45	360361	30.500	ng/u1	99
16) Acetophenone	8.445	105	353450	29.595	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.433	70	175324	31.237	ng/u1	99
18) 4-Methylphenol	8.404	108	249265	30.081	ng/u1	100
19) Hexachloroethane	8.686	117	107260	30.353	ng/u1	92
22) Nitrobenzene	8.822	77	263794	31.365	ng/u1	97
23) Isophorone	9.345	82	479024	30.791	ng/u1	99
25) 2-Nitrophenol	9.533	139	134010	31.167	ng/u1	98
26) 2,4-Dimethylphenol	9.598	107	210297	26.185	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.828	93	302717	31.173	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	230929	31.061	ng/u1	96
30) Naphthalene	10.457	128	781702	30.177	ng/u1	100
32) 4-Chloroaniline	10.580	127	144922	14.763	ng/u1	100
33) Hexachlorobutadiene	10.739	225	149166	29.648	ng/u1	98
34) Caprolactam	11.357	113	70032m	29.887	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	228697	31.789	ng/u1	98
36) 2-Methylnaphthalene	12.080	142	511290	30.848	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	505684	29.730	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	269343	30.153	ng/ul	99
40) Hexachlorocyclopentadiene	12.427	237	112472	24.633	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	176006	31.194	ng/ul	98
42) 2,4,5-Trichlorophenol	12.780	196	191186	31.818	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	655488	30.754	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	517653	30.778	ng/ul	99
45) 2-Nitroaniline	13.363	65	138194	32.719	ng/ul	96
47) Dimethylphthalate	13.739	163	625305	31.284	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	126867	33.294	ng/ul	93
50) Acenaphthylene	13.992	152	792611	30.651	ng/ul	100
51) 3-Nitroaniline	14.192	138	121801	29.435	ng/ul	99
52) Acenaphthene	14.339	153	557983	30.649	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	68993	33.675	ng/ul	93
55) 4-Nitrophenol	14.515	109	83896	31.399	ng/ul	100
56) Dibenzofuran	14.674	168	772228	30.748	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	186835	33.732	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	156619	31.335	ng/ul	98
59) Diethylphthalate	15.110	149	638695	32.432	ng/ul	100
61) Fluorene	15.327	166	613626	30.861	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.321	204	299830	30.607	ng/ul	99
63) 4-Nitroaniline	15.362	138	138262m	33.932	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.421	198	114633	33.223	ng/ul	96
67) N-Nitrosodiphenylamine	15.539	169	511835	30.812	ng/ul	99
68) 4-Bromophenyl-phenylether	16.215	248	182552	30.711	ng/ul	95
69) Hexachlorobenzene	16.333	284	221436	30.866	ng/ul	98
70) Atrazine	16.498	200	176817	29.246	ng/ul	96
71) Pentachlorophenol	16.680	266	140691	30.857	ng/ul	98
72) Phenanthrene	17.062	178	976317	31.233	ng/ul	99
74) Anthracene	17.156	178	967513	30.840	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.068	216	261149	29.045	ng/uL	98
76) Pentachlorobenzene	14.598	250	256482	29.278	ng/uL	100
77) Carbazole	17.433	167	895658	31.697	ng/ul	99
78) Di-n-butylphthalate	17.998	149	1110810	33.436	ng/ul	99
80) Fluoranthene	19.086	202	1142580	31.652	ng/ul	99
82) Pyrene	19.450	202	1231506	31.463	ng/ul	99
83) Butylbenzylphthalate	20.356	149	506680	33.700	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.162	252	346774	30.788	ng/ul	99
85) Benzo(a)anthracene	21.233	228	1230849	31.497	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.162	149	742578	33.856	ng/ul	99
87) Chrysene	21.291	228	1165661	31.041	ng/ul	100
89) Di-n-octyl phthalate	22.250	149	1288988	31.754	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1271755	32.083	ng/ul	99
91) Benzo(k)fluoranthene	23.285	252	1252350	31.687	ng/ul	100
93) Benzo(a)pyrene	23.997	252	1182759	31.736	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.373	276	1526141	31.511	ng/ul	97
95) Dibenzo(a,h)anthracene	27.420	278	1249671	31.590	ng/ul	98
96) Benzo(g,h,i)perylene	28.379	276	1202770	31.672	ng/ul	98

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

