

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
 Data File : BP023424.D
 Acq On : 13 Dec 2024 17:31
 Operator : RC/JU
 Sample : PB165481BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS481

Quant Time: Dec 13 22:45:19 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	111054	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	422334	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	332804	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.951	188	771845	20.000	ng/u1	0.00
79) Chrysene-d12	21.375	240	819602	20.000	ng/u1	-0.01
88) Perylene-d12	24.539	264	906315	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	12297	4.077	ng/uL	0.00
4) Pyridine-d5	3.523	84	192581	24.828	ng/u1	0.00
7) Phenol-d5	6.752	99	252516	28.980	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.893	67	142534	25.927	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	188280	29.276	ng/u1	0.00
15) 4-Methylphenol-d8	8.258	113	201275	28.620	ng/u1	0.00
21) Nitrobenzene-d5	8.681	128	86992	27.584	ng/u1	0.00
24) 2-Nitrophenol-d4	9.387	143	97206	26.744	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	227611	29.671	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	217551	25.315	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	686609	26.576	ng/u1	0.00
49) Acenaphthylene-d8	13.840	160	721932	26.492	ng/u1	0.00
54) 4-Nitrophenol-d4	14.428	143	85538	27.018	ng/u1	0.02
60) Fluorene-d10	15.157	176	583875	25.694	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	45257	9.702	ng/u1	0.00
73) Anthracene-d10	17.045	188	990610	28.122	ng/u1	0.00
81) Pyrene-d10	19.434	212	1218299	28.451	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.339	264	1334223	27.500	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.140	88	29122	8.725	ng/uL	96
5) Pyridine	3.540	79	199708	25.205	ng/u1	93
6) Benzaldehyde	6.717	77	32505	6.525	ng/u1	95
8) Phenol	6.781	94	276755	30.508	ng/u1	91
10) Bis(2-Chloroethyl)ether	6.981	93	194894	27.217	ng/u1	98
12) 2-Chlorophenol	7.122	128	200028	29.669	ng/u1	99
13) 2-Methylphenol	7.993	108	202797	30.144	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.046	45	240774	27.650	ng/u1	97
16) Acetophenone	8.352	105	319486	26.991	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.334	70	173885	26.961	ng/u1	96
18) 4-Methylphenol	8.316	108	221014	30.437	ng/u1	97
19) Hexachloroethane	8.581	117	84236	25.661	ng/u1	91
22) Nitrobenzene	8.722	77	259035	26.994	ng/u1	97
23) Isophorone	9.234	82	476373	28.027	ng/u1	99
25) 2-Nitrophenol	9.422	139	105618	27.203	ng/u1	94
26) 2,4-Dimethylphenol	9.487	107	249836	29.060	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.711	93	263777	27.468	ng/u1	98
29) 2,4-Dichlorophenol	9.958	162	229617	30.201	ng/u1	99
30) Naphthalene	10.334	128	609370	27.561	ng/u1	100
32) 4-Chloroaniline	10.458	127	179718	21.567	ng/u1	100
33) Hexachlorobutadiene	10.605	225	175329	25.997	ng/u1	98
34) Caprolactam	11.252	113	68116m	30.705	ng/u1	
35) 4-Chloro-3-methylphenol	11.605	107	250389	30.330	ng/u1	96
36) 2-Methylnaphthalene	11.946	142	443152	27.029	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	443368	26.537	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.322	216	319066	26.272	ng/ul	99
40) Hexachlorocyclopentadiene	12.287	237	62863	10.773	ng/ul	95
41) 2,4,6-Trichlorophenol	12.581	196	222405	30.945	ng/ul	99
42) 2,4,5-Trichlorophenol	12.669	196	245744	32.002	ng/ul	99
43) 1,1'-Biphenyl	12.963	154	631764	26.792	ng/ul	99
44) 2-Chloronaphthalene	13.010	162	518469	27.183	ng/ul	98
45) 2-Nitroaniline	13.234	65	166296	30.092	ng/ul	95
47) Dimethylphthalate	13.599	163	687595	27.018	ng/ul	99
48) 2,6-Dinitrotoluene	13.746	165	141958	29.111	ng/ul	90
50) Acenaphthylene	13.863	152	767527	27.657	ng/ul	99
51) 3-Nitroaniline	14.087	138	129634	31.719	ng/ul	95
52) Acenaphthene	14.210	153	553291	27.277	ng/ul	97
53) 2,4-Dinitrophenol	14.322	184	20541	6.532	ng/ul	93
55) 4-Nitrophenol	14.440	109	96457	22.615	ng/ul	93
56) Dibenzofuran	14.557	168	820944	26.650	ng/ul	98
57) 2,4-Dinitrotoluene	14.551	165	217918	27.732	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.798	232	225353	29.561	ng/ul#	95
59) Diethylphthalate	14.987	149	686385	27.043	ng/ul	98
61) Fluorene	15.216	166	687846	27.423	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.216	204	384872	26.455	ng/ul	98
63) 4-Nitroaniline	15.263	138	131100	36.470	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.328	198	48823	9.866	ng/ul#	91
67) N-Nitrosodiphenylamine	15.434	169	580405	29.447	ng/ul	99
68) 4-Bromophenyl-phenylether	16.116	248	266746	29.275	ng/ul	98
69) Hexachlorobenzene	16.245	284	315781	28.289	ng/ul	98
70) Atrazine	16.404	200	254962	29.727	ng/ul	99
71) Pentachlorophenol	16.616	266	214044m	32.852	ng/ul	
72) Phenanthrene	16.992	178	1165802	29.216	ng/ul	99
74) Anthracene	17.081	178	1173311	29.407	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.928	216	320342	28.793	ng/uL	99
76) Pentachlorobenzene	14.481	250	355950	29.026	ng/uL	98
77) Carbazole	17.375	167	1004063	30.888	ng/ul	100
78) Di-n-butylphthalate	17.957	149	1179129	29.522	ng/ul	99
80) Fluoranthene	19.087	202	1497217	30.514	ng/ul	99
82) Pyrene	19.469	202	1548110	29.733	ng/ul	99
83) Butylbenzylphthalate	20.422	149	545140	30.230	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.286	252	475798	25.299	ng/ul	99
85) Benzo(a)anthracene	21.357	228	1536185	27.951	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	780248	30.129	ng/ul#	97
87) Chrysene	21.422	228	1413378	26.835	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	1320920	29.842	ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	1530635	26.880	ng/ul	100
91) Benzo(k)fluoranthene	23.616	252	1593301	28.122	ng/ul	100
93) Benzo(a)pyrene	24.398	252	1447700	28.040	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.121	276	1912689	28.828	ng/ul	99
95) Dibenzo(a,h)anthracene	28.174	278	1541125	29.025	ng/ul	100
96) Benzo(g,h,i)perylene	29.239	276	1471654m	28.970	ng/ul	

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

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