

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062857.D
 Acq On : 15 Sep 2024 22:08
 Operator : JU/RC
 Sample : PB163398BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS398

Quant Time: Sep 16 00:07:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	37816	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	159749	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.527	164	138413	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	373346m	20.000	ng/u1	0.00
79) Chrysene-d12	21.525	240	398528	20.000	ng/u1	# 0.00
88) Perylene-d12	24.586	264	440246	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	5682	6.792	ng/uL	0.00
4) Pyridine-d5	3.764	84	77235	29.004	ng/u1	0.00
7) Phenol-d5	7.071	99	108949	32.855	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	58732	29.542	ng/u1	0.00
11) 2-Chlorophenol-d4	7.436	132	81900	33.908	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	97215	35.180	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	45756	40.075	ng/u1	0.00
24) 2-Nitrophenol-d4	9.774	143	53273	42.664	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	111333	40.941	ng/u1	0.00
31) 4-Chloroaniline-d4	10.826	131	118652	31.743	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	383591	35.988	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	419494	35.437	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	64413	35.574	ng/u1	0.00
60) Fluorene-d10	15.526	176	354050	36.862	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	90976	42.363	ng/u1	0.00
73) Anthracene-d10	17.377	188	616306	34.978	ng/u1	0.00
81) Pyrene-d10	19.668	212	805896	35.935	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.381	264	858792	36.943	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	10713	11.426	ng/uL#	89
5) Pyridine	3.787	79	81479	29.172	ng/u1	97
6) Benzaldehyde	7.042	77	47873m	26.258	ng/u1	
8) Phenol	7.101	94	112997	32.781	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.324	93	77297	29.664	ng/u1	92
12) 2-Chlorophenol	7.465	128	85700	34.701	ng/u1	96
13) 2-Methylphenol	8.346	108	90934	35.180	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.423	45	137261	29.265	ng/u1	96
16) Acetophenone	8.717	105	152748	34.010	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.705	70	81116	34.501	ng/u1#	93
18) 4-Methylphenol	8.675	108	102691	35.313	ng/u1	97
19) Hexachloroethane	8.981	117	36784	36.999	ng/u1	87
22) Nitrobenzene	9.099	77	119598	38.721	ng/u1#	90
23) Isophorone	9.621	82	219044	34.687	ng/u1#	98
25) 2-Nitrophenol	9.809	139	54116	39.322	ng/u1#	90
26) 2,4-Dimethylphenol	9.868	107	85872	29.201	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.103	93	118122	33.470	ng/u1	99
29) 2,4-Dichlorophenol	10.344	162	105871	39.529	ng/u1	95
30) Naphthalene	10.744	128	303530	35.437	ng/u1	99
32) 4-Chloroaniline	10.849	127	106347	28.607	ng/u1	100
33) Hexachlorobutadiene	11.032	225	98056	43.947	ng/u1	91
34) Caprolactam	11.613	113	35380m	35.841	ng/u1	
35) 4-Chloro-3-methylphenol	11.983	107	123100	42.133	ng/u1	95
36) 2-Methylnaphthalene	12.354	142	235924	37.320	ng/u1	95

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.571	142	237545	36.684	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.724	216	187141	39.328	ng/ul	98
40) Hexachlorocyclopentadiene	12.700	237	89546	36.778	ng/ul	99
41) 2,4,6-Trichlorophenol	12.965	196	102973	35.726	ng/ul	99
42) 2,4,5-Trichlorophenol	13.041	196	118282	38.222	ng/ul	98
43) 1,1'-Biphenyl	13.364	154	341352	35.070	ng/ul	99
44) 2-Chloronaphthalene	13.405	162	283555	35.826	ng/ul	99
45) 2-Nitroaniline	13.605	65	86715	39.927	ng/ul	99
47) Dimethylphthalate	13.987	163	393575	35.855	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	79441	41.079	ng/ul	98
50) Acenaphthylene	14.251	152	453002	36.247	ng/ul	99
51) 3-Nitroaniline	14.433	138	71477	36.917	ng/ul	92
52) Acenaphthene	14.598	153	306270	34.597	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	50745	39.738	ng/ul	93
55) 4-Nitrophenol	14.751	109	67063	41.204	ng/ul	85
56) Dibenzofuran	14.927	168	458955	34.899	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	122193	40.413	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.156	232	104208	33.229	ng/ul	99
59) Diethylphthalate	15.350	149	387333	35.769	ng/ul	99
61) Fluorene	15.579	166	369926	35.807	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	232368	38.345	ng/ul	97
63) 4-Nitroaniline	15.597	138	79037	37.935	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.661	198	90353m	40.588	ng/ul	
67) N-Nitrosodiphenylamine	15.785	169	335289	35.017	ng/ul	98
68) 4-Bromophenyl-phenylether	16.466	248	170572	39.703	ng/ul	96
69) Hexachlorobenzene	16.584	284	201077	40.993	ng/ul	96
70) Atrazine	16.731	200	3165	0.742	ng/ul	93
71) Pentachlorophenol	16.931	266	75339m	25.678	ng/ul	
72) Phenanthrene	17.318	178	693879m	35.739	ng/ul	
74) Anthracene	17.406	178	688963	34.809	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.329	216	192396	37.736	ng/ul	99
76) Pentachlorobenzene	14.851	250	213214	37.738	ng/ul	98
77) Carbazole	17.677	167	572921	34.905	ng/ul	97
78) Di-n-butylphthalate	18.241	149	676710	34.861	ng/ul	99
80) Fluoranthene	19.334	202	885627	35.656	ng/ul#	95
82) Pyrene	19.692	202	912574	34.132	ng/ul	97
83) Butylbenzylphthalate	20.585	149	303321	38.216	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.425	252	329070	39.220	ng/ul	98
85) Benzo(a)anthracene	21.502	228	1021348	36.848	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	429709	36.769	ng/ul	99
87) Chrysene	21.566	228	948957	36.087	ng/ul	99
89) Di-n-octyl phthalate	22.571	149	746444	36.451	ng/ul	100
90) Benzo(b)fluoranthene	23.617	252	1035127	38.083	ng/ul	99
91) Benzo(k)fluoranthene	23.681	252	1009492	36.271	ng/ul#	97
93) Benzo(a)pyrene	24.445	252	914914	35.687	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.047	276	1222602	38.705	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.100	278	998951	39.372	ng/ul	98
96) Benzo(g,h,i)perylene	29.122	276	958085	39.272	ng/ul#	97

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

