

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
 Data File : BP023163.D
 Acq On : 16 Nov 2024 07:48
 Operator : RC/JU
 Sample : PB164978BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SLCS978

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024

Supervised By :mohammad

ahmed

11/18/2024

Quant Time: Nov 17 00:54:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	76743	20.000	ng/u1	0.00
20) Naphthalene-d8	10.322	136	308966	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.193	164	249403	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.004	188	639926	20.000	ng/u1	-0.01
79) Chrysene-d12	21.433	240	704134	20.000	ng/u1	-0.01
88) Perylene-d12	24.651	264	821235	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	11610	7.272	ng/uL	0.00
4) Pyridine-d5	3.546	84	160592	33.855	ng/u1	0.00
7) Phenol-d5	6.781	99	217481	38.331	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	118808	35.641	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	160684	38.669	ng/u1	0.00
15) 4-Methylphenol-d8	8.287	113	174519	37.378	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	80949	37.634	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	97563	38.047	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	203803	37.951	ng/u1	0.00
31) 4-Chloroaniline-d4	10.475	131	206268	32.196	ng/u1	0.00
46) Dimethylphthalate-d6	13.598	166	665834	37.042	ng/u1	-0.01
49) Acenaphthylene-d8	13.875	160	721786	38.483	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.457	143	98626	36.510	ng/u1	0.00
60) Fluorene-d10	15.210	176	604350	38.348	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	142736	37.234	ng/u1	0.00
73) Anthracene-d10	17.092	188	1017625	37.558	ng/u1	-0.02
81) Pyrene-d10	19.492	212	1323294	40.801	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.433	264	1568218	40.089	ng/u1	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.170	88	22177	12.021	ng/uL	93
5) Pyridine	3.564	79	156643	32.882	ng/u1	94
6) Benzaldehyde	6.746	77	81121	24.845	ng/u1	94
8) Phenol	6.805	94	216420	36.527	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.016	93	157593	35.396	ng/u1	94
12) 2-Chlorophenol	7.152	128	159404	36.949	ng/u1	98
13) 2-Methylphenol	8.022	108	157485	35.608	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.087	45	178418	35.399	ng/u1	94
16) Acetophenone	8.387	105	275967	35.174	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.369	70	141337	36.078	ng/u1	98
18) 4-Methylphenol	8.352	108	174432	35.708	ng/u1	99
19) Hexachloroethane	8.622	117	70156	33.624	ng/u1	95
22) Nitrobenzene	8.763	77	217313	35.210	ng/u1	99
23) Isophorone	9.281	82	397045	35.978	ng/u1	99
25) 2-Nitrophenol	9.463	139	97917	36.177	ng/u1	93
26) 2,4-Dimethylphenol	9.534	107	166595	28.504	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.746	93	218707	36.018	ng/u1	100
29) 2,4-Dichlorophenol	9.999	162	191376	35.979	ng/u1	96
30) Naphthalene	10.369	128	522579	34.815	ng/u1	99
32) 4-Chloroaniline	10.499	127	158708	25.570	ng/u1	98
33) Hexachlorobutadiene	10.652	225	155898	32.391	ng/u1	98
34) Caprolactam	11.299	113	56540m	35.736	ng/u1	
35) 4-Chloro-3-methylphenol	11.646	107	214131	37.420	ng/u1	95
36) 2-Methylnaphthalene	11.993	142	397278	35.058	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.204	142	393893	34.002	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.363	216	303974	36.102	ng/ul	94
40) Hexachlorocyclopentadiene	12.334	237	119155	26.943	ng/ul	99
41) 2,4,6-Trichlorophenol	12.622	196	181035	35.310	ng/ul	97
42) 2,4,5-Trichlorophenol	12.704	196	204288	36.960	ng/ul	99
43) 1,1'-Biphenyl	13.016	154	583876	36.535	ng/ul	99
44) 2-Chloronaphthalene	13.063	162	481874	36.886	ng/ul	99
45) 2-Nitroaniline	13.275	65	142799	38.930	ng/ul	89
47) Dimethylphthalate	13.657	163	635375	35.842	ng/ul	99
48) 2,6-Dinitrotoluene	13.793	165	136033	39.450	ng/ul	95
50) Acenaphthylene	13.904	152	717434	37.841	ng/ul	99
51) 3-Nitroaniline	14.128	138	118847	40.015	ng/ul	97
52) Acenaphthene	14.251	153	490553	35.640	ng/ul	99
53) 2,4-Dinitrophenol	14.357	184	81792	33.429	ng/ul	94
55) 4-Nitrophenol	14.475	109	109025	34.496	ng/ul	95
56) Dibenzofuran	14.598	168	765525	35.997	ng/ul	99
57) 2,4-Dinitrotoluene	14.587	165	210359	38.276	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.851	232	178819	33.097	ng/ul#	100
59) Diethylphthalate	15.040	149	629363	35.897	ng/ul	99
61) Fluorene	15.263	166	633066	36.371	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.251	204	362096	35.331	ng/ul	99
63) 4-Nitroaniline	15.310	138	118778	42.979	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.375	198	145481	35.526	ng/ul#	95
67) N-Nitrosodiphenylamine	15.487	169	552303	37.351	ng/ul	100
68) 4-Bromophenyl-phenylether	16.169	248	262790	36.265	ng/ul	97
69) Hexachlorobenzene	16.287	284	325824	35.717	ng/ul	96
70) Atrazine	16.463	200	98972	13.846	ng/ul	100
71) Pentachlorophenol	16.651	266	164726	29.085	ng/ul	99
72) Phenanthrene	17.039	178	1131154	37.438	ng/ul	99
74) Anthracene	17.128	178	1094175	36.019	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.981	216	300351	35.549	ng/ul	98
76) Pentachlorobenzene	14.522	250	333866	34.607	ng/ul	97
77) Carbazole	17.422	167	990487	37.373	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1109839	37.736	ng/ul	99
80) Fluoranthene	19.145	202	1485580	39.759	ng/ul	99
82) Pyrene	19.522	202	1564819	38.984	ng/ul	99
83) Butylbenzylphthalate	20.463	149	540179	40.875	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	575957	36.440	ng/ul	100
85) Benzo(a)anthracene	21.410	228	1634116	38.007	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	741907	39.505	ng/ul	99
87) Chrysene	21.480	228	1512974	37.398	ng/ul	99
89) Di-n-octyl phthalate	22.557	149	1288362	38.669	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	1756225	38.421	ng/ul	100
91) Benzo(k)fluoranthene	23.698	252	1734336	38.543	ng/ul#	99
93) Benzo(a)pyrene	24.498	252	1557408	37.691	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.298	276	2085142m	36.220	ng/ul	
95) Dibenzo(a,h)anthracene	28.356	278	1673907m	35.811	ng/ul	
96) Benzo(g,h,i)perylene	29.427	276	1598298m	36.552	ng/ul	

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

