

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041122\
 Data File : BP009748.D
 Acq On : 11 Apr 2022 12:57
 Operator : CG/JU
 Sample : N2266-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YAZ18MS

Quant Time: Apr 12 01:06:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 07 19:16:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/12/2022
 Supervised By :Yogesh Patel 04/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	134905	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.781	136	588870	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.604	164	398459	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	884743	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.439	240	927957	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	885658	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	13167	4.356	ng/uL	0.00
4) Pyridine-d5	3.811	84	56905	6.828	ng/ul	0.00
7) Phenol-d5	7.122	99	95148	8.034	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	252673	35.835	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	247382	27.690	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	190691	19.287	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	169480	39.910	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.857	143	176884	37.993	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	314296	32.261	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	367743	26.503	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	1237475	39.537	ng/ul	-0.01
49) Acenaphthylene-d8	14.298	160	1352252	36.467	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	52865m	9.313	ng/ul	0.00
60) Fluorene-d10	15.598	176	1033280	39.243	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	226519	43.219	ng/ul	0.00
73) Anthracene-d10	17.457	188	1733189	40.915	ng/ul	0.00
81) Pyrene-d10	19.680	212	2104853	41.532	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	1939079	42.042	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	14314	4.645	ng/uL#	35
5) Pyridine	3.828	79	58738	6.755	ng/ul#	41
6) Benzaldehyde	7.105	77	248769m	34.249	ng/ul	
8) Phenol	7.152	94	92996	7.844	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.387	93	294272	31.866	ng/ul#	78
12) 2-Chlorophenol	7.534	128	227500	25.258	ng/ul	94
13) 2-Methylphenol	8.410	108	193550	20.937	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.510	45	432705	31.699	ng/ul#	84
16) Acetophenone	8.793	105	490940	31.516	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.787	70	257953	31.940	ng/ul#	72
18) 4-Methylphenol	8.740	108	178790	17.859	ng/ul	90
19) Hexachloroethane	9.063	117	116623	30.668	ng/ul	85
22) Nitrobenzene	9.175	77	379592	34.825	ng/ul#	83
23) Isophorone	9.710	82	732352	32.606	ng/ul	97
25) 2-Nitrophenol	9.887	139	171670	34.572	ng/ul#	85
26) 2,4-Dimethylphenol	9.946	107	313614	26.614	ng/ul#	82
27) Bis(2-Chloroethoxy)met...	10.187	93	416009	31.548	ng/ul#	98
29) 2,4-Dichlorophenol	10.422	162	281877	29.844	ng/ul#	84
30) Naphthalene	10.834	128	978466	32.308	ng/ul	98
32) 4-Chloroaniline	10.934	127	333744	24.305	ng/ul	97
33) Hexachlorobutadiene	11.128	225	214120	31.477	ng/ul	96
34) Caprolactam	11.704	113	15179m	4.860	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	320396	27.996	ng/ul#	69
36) 2-Methylnaphthalene	12.434	142	711951	32.178	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	725547	32.477	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.804	216	413905	33.952	ng/ul	94
40) Hexachlorocyclopentadiene	12.793	237	231644	27.382	ng/ul	95
41) 2,4,6-Trichlorophenol	13.034	196	271398	34.860	ng/ul#	86
42) 2,4,5-Trichlorophenol	13.104	196	296091	35.193	ng/ul#	86
43) 1,1'-Biphenyl	13.440	154	993243	34.164	ng/ul	94
44) 2-Chloronaphthalene	13.481	162	764648	34.216	ng/ul	94
45) 2-Nitroaniline	13.675	65	275114	42.007	ng/ul#	79
47) Dimethylphthalate	14.057	163	1073425	35.633	ng/ul#	92
48) 2,6-Dinitrotoluene	14.175	165	228144	41.173	ng/ul	93
50) Acenaphthylene	14.328	152	1272333	34.769	ng/ul	96
51) 3-Nitroaniline	14.498	138	213801	37.115	ng/ul#	82
52) Acenaphthene	14.669	153	822788	34.340	ng/ul	96
53) 2,4-Dinitrophenol	14.698	184	131648	39.305	ng/ul#	81
55) 4-Nitrophenol	14.793	109	46245	8.850	ng/ul#	58
56) Dibenzofuran	15.004	168	1229726	34.873	ng/ul	98
57) 2,4-Dinitrotoluene	14.957	165	341063	41.917	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.228	232	278737	36.336	ng/ul#	85
59) Diethylphthalate	15.428	149	1131191	36.283	ng/ul	93
61) Fluorene	15.651	166	1030891	35.492	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.645	204	538534	34.870	ng/ul	97
63) 4-Nitroaniline	15.663	138	240608m	41.701	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.722	198	198052	38.015	ng/ul#	88
67) N-Nitrosodiphenylamine	15.857	169	914684	36.116	ng/ul	94
68) 4-Bromophenyl-phenylether	16.545	248	344068	35.926	ng/ul	96
69) Hexachlorobenzene	16.663	284	400375	36.357	ng/ul#	91
70) Atrazine	16.816	200	364111	34.830	ng/ul	91
71) Pentachlorophenol	17.004	266	265164	35.573	ng/ul#	83
72) Phenanthrene	17.398	178	1743853	36.926	ng/ul	98
74) Anthracene	17.492	178	1787625	37.335	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.404	216	447286	34.968	ng/ul	89
76) Pentachlorobenzene	14.928	250	428553	34.372	ng/ul	89
77) Carbazole	17.751	167	1613891	37.298	ng/ul#	95
78) Di-n-butylphthalate	18.310	149	2025451	38.066	ng/ul#	93
80) Fluoranthene	19.357	202	2198164	37.682	ng/ul#	96
82) Pyrene	19.710	202	2222364	37.575	ng/ul#	94
83) Butylbenzylphthalate	20.580	149	956311	39.414	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.345	252	711305	35.971	ng/ul#	96
85) Benzo(a)anthracene	21.422	228	2225818	37.836	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.351	149	1405084	38.500	ng/ul#	82
87) Chrysene	21.474	228	2133716	37.593	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	2409716	38.834	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	2250128	38.240	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	2048500	38.151	ng/ul#	98
93) Benzo(a)pyrene	23.804	252	2075567	38.053	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.504	276	2134965	37.431	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.521	278	1849650	37.398	ng/ul#	96
96) Benzo(g,h,i)perylene	27.298	276	1723347	36.644	ng/ul	93

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

